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GRAIN CROP QUALITY

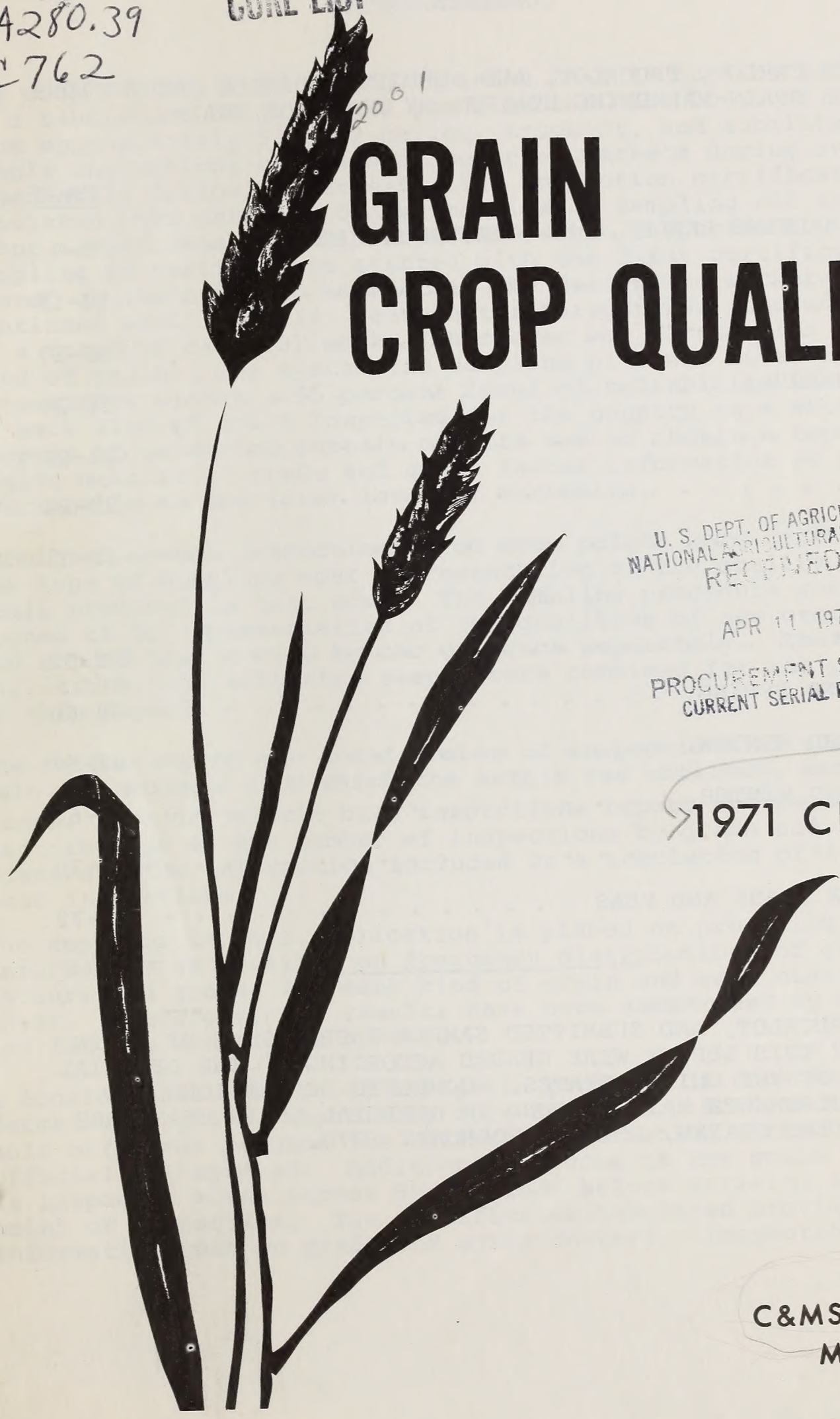
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>1971 CROPS

C&MS 44 (1971), 72 p
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FOR MAJOR GRAIN-MARKETING STATES, BY KINDS OF GRAIN.

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CARLOT, TRUCKLOT, AND SUBMITTED SAMPLE INSPECTIONS OF GRAIN
COVERED BY THIS REPORT WERE GRADED ACCORDING TO THE OFFICIAL
STANDARDS OF THE UNITED STATES. COMPLETE DEFINITIONS AND
GRADE REQUIREMENTS MAY BE FOUND IN OFFICIAL GRAIN STANDARDS
OF THE UNITED STATES, REVISED FEBRUARY 1970.

INTRODUCTION

The crop quality information included in this publication is a tabulation of grade and grade factor data obtained from approximately 523,712 carlot, trucklot, and submitted sample inspections of grain at selected markets during and immediately following harvest. The inspection certificates tabulated were obtained by systematically sampling all receipt inspections and all submitted sample inspections. The sampling of certificates started with the first certificate issued on the new crop harvest in the designated markets and continued until four (4) weeks after harvest was concluded, or a total of nine (9) weeks (whichever was first), for each kind of grain. The systematic sampling plan was developed to estimate within a 95 percent level of reliability the quality of each kind of grain inspected for the country as a whole. The purpose of selecting certain markets was to obtain a representative measure of grade and grade factor information as near as practicable to the first level of marketing.

Submitted sample inspections from some points were considered the type of sampling most representative of the quality of grain produced in that area. The sampling procedure was designed to be representative of the qualities of new crop grain and not of that moving by car or truck separately. Therefore, car, truck, and submitted sample were combined for the purpose of this report.

The tables report the total number of inspections at the selected markets from which the sample was obtained, except beans. The dry edible bean inspections report the percentage distribution of the number of inspections by grade and specified classes. The information included is a tabulation of 1,522 bean inspections.

The emphasis in this publication is placed on providing as much information as possible on frequency distributions of grade factors and grades for each kind of grain and each class of wheat. Therefore, the results have been summarized by States and for the country as a whole.

A considerable portion of the grain produced is consumed on farms where grown, especially corn and oats. Some of the grain sold off farms reaches its ultimate destination without being officially inspected. Additionally, some of the grain which is inspected moves across State lines before arriving at the point of inspection. The certificates tabulated provided information both on grade and grade factors. Inspections for

factor only were included in the total columns of all tables. Percentages by grade were calculated including these inspections.

Data on wheat crop quality by counties were compiled in Colorado, Kansas, Nebraska, Oklahoma, and South Dakota, under cooperative projects financed jointly by the Matching Fund Program, Consumer and Marketing Service and the respective State Departments of Agriculture. Technical guidance and coordination of the work in these States was provided by the Grain Division, Consumer and Marketing Service.

Data on wheat crop quality by counties were compiled in Idaho, Oregon, Washington, and Montana under a cooperative project with Western Wheat Associates, the State Departments of Agriculture in the four states and published by the Market News Office of the Grain Division, Consumer and Marketing Service, located in Portland, Oregon.

Data from these surveys were included in this publication because of their effect on the state and national situations. County data were published by the State Departments of Agriculture or the Consumer and Marketing Service's Grain Market News office in the States as indicated above.

BARLEY
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS

STATES	U. S. GRADE						SPECIAL GRADES			
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	TOUGH NUMBER	TWO ROWED NUMBER	WEEV- ILY NUMBER
COLORADO	0	11	2	2	0	2	15	0	0	0
MARYLAND	0	2	0	2	5	2	9	5	0	0
MINNESOTA	815	186	128	38	27	78	1271	29	18	2
MONTANA	624	69	29	2	0	8	740	0	0	738
NORTH DAKOTA	680	104	42	12	2	23	861	3	0	0
OKLAHOMA	62	240	240	15	14	8	578	75	0	0
SOUTH DAKOTA	123	18	8	0	2	0	152	0	0	0
VIRGINIA	15	42	83	84	0	9	233	20	0	0
WISCONSIN	951	44	23	18	287	48	1370	6	8	794
ALL STATES	3269	714	552	171	335	176	5226	137	26	1533
% 1971 CROP YEAR	62.7	13.7	10.6	3.3	6.4	3.4	100.0	2.6	0.5	29.3
% 1970 CROP YEAR	47.3	16.8	24.4	7.1	1.9	2.6	100.0	2.6	2.5	8.4
% 1969 CROP YEAR	36.5	31.0	24.2	3.9	1.9	2.5	100.0	4.6	0.7	14.2

MALTING BARLEY
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS

STATES	U. S. GRADE			SPECIAL GRADES AND SUBCLASSES					
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	TOTAL NUMBER	TOUGH NUMBER	CHOICE MALTING NUMBER	MALTING NUMBER	2 ROWED MALTING NUMBER	BLUE MALTING NUMBER
MINNESOTA	348	976	908	2232	14	66	2062	12	92
MONTANA	406	124	18	548	0	126	0	422	0
NORTH DAKOTA	644	2488	1988	5120	10	0	4718	0	402
SOUTH DAKOTA	130	236	182	548	0	0	536	0	12
WISCONSIN	496	304	342	1142	18	384	578	20	160
ALL STATES	2024	4128	3438	9590	42	576	7894	454	666
% 1971 CROP YEAR	21.1	43.0	35.8	100.0	0.4	6.0	82.3	4.7	6.9
% 1970 CROP YEAR	28.0	41.1	30.9	100.0	0.9	9.2	75.0	11.0	4.8
% 1969 CROP YEAR	25.6	44.5	29.9	100.0	0.4	8.0	76.7	11.2	4.1

WESTERN BARLEY
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS

6

STATES	U. S. GRADE					SPECIAL GRADES AND SUBCLASSES								
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	TOUGH NUMBER	TWO ROWED NUMBER	WEEV- ILY NUMBER	BRIGHT NUMBER	WEST. BARLEY NUMBER	CHOICE NUMBER	MALT- ING NUMBER
ARIZONA	6	0	0	0	0	0	6	0	0	0	0	6	0	0
CALIFORNIA	1164	282	69	21	15	75	1626	27	6	9	0	1620	0	0
IDAHO	2430	810	219	135	87	42	3723	3	870	0	0	2223	129	501
OREGON	909	339	90	63	30	18	1467	6	246	0	0	954	93	174
UTAH	1167	528	156	45	36	30	1962	87	948	3	0	933	9	72
WASHINGTON	3423	1098	240	129	54	30	4974	0	513	0	0	4098	63	300
ALL STATES	9099	3057	774	393	222	195	13758	123	2583	12	0	9834	294	1047
% 1971 CROP YEAR	66.2	22.2	5.6	2.9	1.6	1.4	100.0	0.9	18.8	0.1	0.0	71.5	2.1	7.6
% 1970 CROP YEAR	66.7	22.7	5.9	2.0	1.0	1.7	100.0	1.7	14.7	0.1	0.0	73.2	4.8	7.3
% 1969 CROP YEAR	71.5	19.6	4.0	2.2	1.1	1.5	100.0	1.3	14.8	0.3	0.0	66.1	6.9	12.3

BARLEY THE QUALITY OF THE 1971 CROP IMPROVED WITH 63 PERCENT IN U. S. NO. 1 GRADE AS COMPARED WITH 47 PERCENT LAST YEAR.
TEST WEIGHT WAS UP. MOISTURE AND TOTAL DAMAGE ALSO INDICATED BETTER QUALITY.

MALTING BARLEY THE QUALITY OF THE 1971 CROP SHOWED A DECREASE IN U. S. NO. 1 GRADE, 21 PERCENT AS COMPARED WITH 28 PERCENT
LAST YEAR. THERE WAS AN INCREASE IN THE SKINNED AND BROKEN IN MALTING BARLEY.

WESTERN BARLEY THE 1971 CROP WESTERN BARLEY WAS ABOUT THE SAME QUALITY AS LAST YEAR BUT NOT AS GOOD AS 1969. THERE WAS
MORE THIN BARLEY IN THIS YEARS CROP THAN THE PAST TWO YEARS.

BARLEY

RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP AND 1970 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U. S. GRADE										ALL GRADES	
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		SAMPLE GRADE	
	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
DOCKAGE												
HIGH		9.5		13.5		8.5		19.5		15.5		9.5
LOW		0.0		1.5		1.0		1.5		1.5		1.5
AVERAGE	1971	914	284	2.2	144	2.1	51	3.1	303	6.3	119	2.5
	1970	2291	966	1.8	762	2.2	233	2.5	125	5.0	162	1.9
	1969	855	521	1.5	354	1.7	69	2.2	87	7.4	93	1.7
TEST WEIGHT *												
HIGH		55.7		52.2		55.7		55.7		50.2		55.2
LOW		47.2		45.2		43.2		40.2		36.7		36.7
AVERAGE	1971	3269	714	47.9	552	46.8	171	44.8	335	44.0	176	46.3
	1970	4136	1467	48.0	2130	46.8	617	46.2	170	46.0	224	46.9
	1969	1928	1637	47.7	1275	46.6	207	44.2	101	42.3	132	46.3
MOISTURE												
HIGH		15.0		15.9		16.0		16.0		15.0		20.5
LOW		8.0		8.2		8.3		10.2		9.9		8.0
AVERAGE	1971	3249	710	12.7	552	12.9	168	12.9	335	12.6	173	13.3
	1970	3528	1391	12.8	2124	12.7	609	12.8	168	12.6	224	13.7
	1969	1820	1541	13.1	1271	13.1	201	13.1	101	13.0	131	14.5
HEAT DAMAGE												
HIGH		0.2		0.3		0.5		1.0		3.0		6.0
LOW		0.1		0.2		0.5		0.2		1.5		0.1
AVERAGE	1971	21	18	0.3	18	0.5	11	0.8	6	2.1	2	6.0
	1970	152	132	0.2	59	0.4	48	0.8	38	2.0	35	3.6
	1969	32	24	0.2	14	0.5	15	0.9	9	2.0	18	4.1
TOTAL DAMAGE												
HIGH		1.4		4.0		6.0		8.0		10.0		20.0
LOW		0.4		0.5		0.5		0.3		2.0		0.3
AVERAGE	1971	14	63	1.8	101	1.9	89	2.0	14	7.0	18	7.1
	1970	35	80	2.0	153	2.4	92	3.7	30	7.4	21	12.2
	1969	21	119	1.3	165	1.8	74	2.1	8	3.2	21	8.9
FOREIGN MATERIAL												
HIGH		0.7		1.0		1.0		1.0		1.0		3.0
LOW		0.1		0.1		0.0		0.1		0.8		0.1
AVERAGE	1971	14	41	0.4	77	0.3	81	0.4	5	0.9	11	1.6
	1970	32	51	0.4	113	0.5	57	0.8	3	1.5	11	3.8
	1969	18	102	0.3	125	0.3	48	0.4	5	0.6	6	0.3
SKINNED AND BROKEN												
HIGH		24.7		22.5		14.7		22.0		8.9		8.4
LOW		0.3		0.3		1.4		4.5		8.9		1.4
AVERAGE	1971	2649	207	8.0	65	7.0	8	9.5	2	8.9	17	4.5
	1970	1925	290	9.2	62	8.4	17	5.0	2	3.2	17	7.7
	1969	1350	458	7.6	192	6.9	23	6.3	2	4.0	8	5.6
THIN												
HIGH		10.0		15.0		25.0		35.0		75.0		90.0
LOW		0.3		1.3		1.0		3.0		4.0		0.3
AVERAGE	1971	2630	617	9.9	456	15.4	90	16.6	335	53.9	158	35.5
	1970	3413	1322	9.8	2007	18.0	558	22.6	165	33.3	213	13.2
	1969	1310	1445	9.2	1157	14.6	125	16.5	95	56.1	119	8.6
SOUND												
HIGH		99.5		99.2		99.0		99.0		99.0		99.5
LOW		97.0		94.0		90.0		80.0		70.0		63.0
AVERAGE	1971	137	389	96.6	335	96.2	125	93.8	302	84.0	56	90.1
	1970	387	690	96.5	1353	96.7	417	94.8	126	87.4	69	93.7
	1969	159	783	97.2	732	96.8	80	89.6	83	82.5	14	85.9
BROKEN KERNELS												
HIGH		4.8		7.7		14.0		18.0		0.0		0.0
LOW		3.8		6.1		1.0		1.0		0.0		0.0
AVERAGE	1971	3	5	6.8	6	7.6	5	18.0	0	0.0	0	0.0
	1970	5	59	6.3	5	12.7	2	3.3	6	11.6	2	33.0
	1969	0	77	6.8	0	0.0	0	0.0	0	0.0	0	0.0

* TEST WEIGHT IN POUNDS.

MALTING BARLEY
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP AND 1970 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U. S. GRADE			ALL GRADES		
	NO. 1		NO. 2		NO. 3	
	NO.	PCT.	NO.	PCT.	NO.	PCT.
DOCKAGE						
HIGH		5.5		8.5		7.5
LOW		1.0		0.0		0.0
AVERAGE		406	1306	1.7	1222	1.7
1971		744	2524	1.8	2196	2.0
1970		534	2014	0.7	1702	0.8
1969						
TEST WEIGHT *						
HIGH		55.7		55.2		53.7
LOW		47.2		45.2		43.2
AVERAGE		1852	4128	49.5	3438	49.7
1971		2792	4106	48.8	3082	48.4
1970		2230	3868	49.5	2602	49.0
1969						
MOISTURE						
HIGH		15.3		16.0		16.0
LOW		8.1		8.1		8.4
AVERAGE		2024	4128	12.2	3438	12.2
1971		2718	4094	12.1	3080	12.2
1970		2216	3864	11.8	2602	12.0
1969						
HEAT DAMAGE						
HIGH		0.0		0.0		0.0
LOW		0.0		0.0		0.0
AVERAGE		0	0	0.0	0	0.0
1971		0	0	0.0	2	0.0
1970		0	0	0.0	0	0.0
1969		0	0	0.0	0	0.0
TOTAL DAMAGE						
HIGH		0.0		2.0		3.0
LOW		0.0		1.3		2.2
AVERAGE		0	26	1.7	16	2.6
1971		0	6	1.7	0	0.0
1970		0	0	0.0	0	0.0
1969		0	0	0.0	0	0.0
FOREIGN MATERIAL						
HIGH		0.0		0.0		0.0
LOW		0.0		0.0		0.0
AVERAGE		0	0	0.0	0	0.0
1971		0	0	0.0	0	0.0
1970		0	0	0.0	0	0.0
1969		0	0	0.0	0	0.0
SKINNED AND BROKEN						
HIGH		7.0		9.5		8.0
LOW		0.0		0.5		0.0
AVERAGE		1804	4018	5.2	3376	7.1
1971		2536	3928	4.9	2918	6.5
1970		1986	3774	5.1	2562	6.9
1969						
THIN						
HIGH		7.0		10.0		14.8
LOW		0.1		0.0		0.0
AVERAGE		1626	4086	4.0	3416	4.1
1971		2788	4104	6.0	3082	7.5
1970		1704	3786	5.5	2594	5.8
1969						
SOUND						
HIGH		99.4		99.3		99.5
LOW		97.0		94.0		90.0
AVERAGE		32	122	97.7	78	97.1
1971		16	208	97.7	264	97.7
1970		0	50	96.6	48	95.5
1969						
BROKEN KERNELS						
HIGH		0.0		0.0		0.0
LOW		0.0		0.0		0.0
AVERAGE		0	0	0.0	0	0.0
1971		0	0	0.0	0	0.0
1970		0	0	0.0	0	0.0
1969		0	0	0.0	0	0.0

* TEST WEIGHT IN POUNDS.

WESTERN BARLEY
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP AND 1970 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U. S. GRADE										ALL GRADES	
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		SAMPLE GRADE	
	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
DOCKAGE												
HIGH		14.5		13.5		12.5		14.5		11.5		13.5
LOW		1.0		1.0		1.5		1.5		1.5		1.5
AVERAGE	1971	1134	2.0	492	201	2.7	90	3.5	72	2.9	105	3.7
	1970	1548	2.0	906	324	2.5	135	3.2	60	3.0	150	3.8
	1969	1695	2.0	687	222	3.4	120	2.8	57	2.2	129	4.3
TEST WEIGHT *												
HIGH		57.5		57.5		55.5		54.5		54.5		58.5
LOW		35.5		37.5		39.5		37.5		40.5		36.5
AVERAGE	1971	9096	49.2	3057	774	49.3	393	49.2	222	49.1	195	47.3
	1970	8805	48.8	3000	783	48.3	264	48.8	126	48.2	225	46.0
	1969	8898	50.0	2439	498	49.1	279	48.9	132	48.7	192	46.0
MOISTURE												
HIGH		15.0		15.0		14.8		14.4		13.7		17.6
LOW		7.9		7.8		8.2		8.5		8.2		8.7
AVERAGE	1971	3390	10.3	1236	354	10.5	171	10.1	114	9.8	81	12.1
	1970	3267	10.4	1392	285	10.6	123	10.6	63	11.4	78	14.6
	1969	2166	10.9	786	141	11.0	69	10.4	57	11.1	48	14.3
HEAT DAMAGE												
HIGH		0.0		0.0		0.0		0.4		0.0		7.5
LOW		0.0		0.0		0.0		0.4		0.0		2.0
AVERAGE	1971	0	0.0	0	0	0.0	3	0.4	0	0.0	6	4.8
	1970	0	0.0	0	0	0.0	0	0.0	3	1.0	9	4.3
	1969	0	0.0	3	0.2	0	0	0.0	3	1.0	9	2.7
WILD OATS												
HIGH		1.0		2.0		3.0		5.0		10.0		13.0
LOW		0.5		1.0		1.2		3.2		3.3		1.0
AVERAGE	1971	63	0.9	621	216	2.7	177	4.2	96	6.7	15	8.5
	1970	24	0.9	321	117	2.5	66	3.5	27	7.4	9	12.7
	1969	15	0.9	330	93	2.6	108	3.9	48	6.7	21	12.2
FOREIGN MATERIAL												
HIGH		0.5		1.0		2.0		3.0		4.0		3.5
LOW		0.4		0.1		1.3		2.3		3.3		1.3
AVERAGE	1971	6	0.4	186	60	1.6	24	2.6	15	3.5	9	2.4
	1970	3	0.5	186	111	1.8	27	2.6	15	3.6	24	4.9
	1969	6	0.5	252	114	1.4	27	2.3	6	1.9	24	6.7
SKINNED AND BROKEN												
HIGH		23.5		21.0		21.0		28.8		25.0		7.8
LOW		0.5		0.6		1.3		1.0		1.3		3.0
AVERAGE	1971	2706	4.0	969	129	6.0	105	6.0	69	6.0	9	5.1
	1970	2904	4.7	855	162	9.0	57	7.7	9	5.8	12	6.9
	1969	3624	4.4	975	99	8.5	63	5.8	27	9.1	9	9.9
THIN												
HIGH		57.8		57.0		49.0		26.0		41.2		31.4
LOW		1.0		1.6		4.3		4.3		6.3		5.5
AVERAGE	1971	2373	9.5	900	126	12.4	81	13.5	60	17.3	6	18.4
	1970	2358	7.9	756	135	10.6	45	8.4	6	10.3	9	20.1
	1969	3126	6.1	873	84	7.8	51	8.8	15	13.1	9	6.6
SOUND												
HIGH		99.8		99.8		98.0		96.0		91.0		98.3
LOW		98.0		96.0		93.0		88.0		80.0		69.0
AVERAGE	1971	747	98.3	1062	405	94.4	195	90.8	117	84.4	72	83.8
	1970	780	98.5	1080	354	94.7	147	90.4	84	83.9	60	88.7
	1969	606	98.4	735	201	94.9	120	91.1	75	84.3	24	83.6
BROKEN KERNELS												
HIGH		3.0		6.0		10.0		15.0		22.0		5.5
LOW		0.4		1.0		1.4		1.0		1.0		1.5
AVERAGE	1971	882	2.0	1185	246	5.6	36	7.3	15	7.4	18	3.5
	1970	843	2.0	1605	354	6.5	69	7.1	18	2.9	33	2.3
	1969	678	2.2	1071	153	6.3	72	8.2	21	7.1	6	3.3

* TEST WEIGHT IN POUNDS.

CORN
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS

STATES	U. S. GRADE					SPECIAL GRADES AND CLASSES					
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	WEEV- ILY NUMBER	YELLOW NUMBER	WHITE NUMBER	MIXED NUMBER
ALABAMA	464	2416	3720	1176	104	176	8072	16	7696	328	48
ILLINOIS	736	3608	5080	3144	568	480	13776	8	13640	136	0
INDIANA	528	2320	840	176	72	24	3960	0	3872	8	80
IOWA	776	5456	4664	2000	592	672	14160	112	14160	0	0
KANSAS	40	608	632	176	48	104	1608	8	1544	64	0
KENTUCKY	256	1904	1352	784	128	24	4448	24	4432	16	0
MARYLAND	0	64	104	152	144	88	552	0	552	0	0
MINNESOTA	352	3784	4400	1104	656	504	10800	64	10800	0	0
MISSOURI	184	2040	1792	192	104	184	4496	8	4256	232	8
NEBRASKA	536	3536	4528	2424	624	368	12024	32	11656	336	32
NEW YORK	8	360	304	64	48	72	856	8	856	0	0
OHIO	328	2704	1720	1408	784	576	7536	8	7528	0	8
PENNSYLVANIA	40	472	592	168	272	528	2072	0	2072	0	0
SOUTH CAROLINA	8	104	136	200	48	16	888	416	824	40	24
TENNESSEE	72	1336	496	128	48	48	2128	0	1976	152	0
VIRGINIA	0	24	224	1408	1136	344	3136	0	3136	0	0
WISCONSIN	336	3144	2240	960	744	480	7904	32	7832	0	72
ALL STATES	4664	33880	32824	15664	6120	4688	98416	736	96832	1312	272
% 1971 CROP YEAR	4.8	34.6	33.5	16.0	6.3	4.8	100.0	0.7	98.4	1.3	0.3
% 1970 CROP YEAR	3.1	36.2	27.5	18.2	9.6	5.4	100.0	0.5	97.5	2.4	0.1
% 1969 CROP YEAR	2.1	23.0	30.3	23.7	12.6	8.4	100.0	1.2	98.6	1.4	0.0

CORN THE 1971 CORN CROP WAS AGAIN OF GOOD QUALITY AT HARVEST TIME WITH EVEN LESS GRADING U. S. NO. 4 OR LOWER GRADE THIS YEAR THAN LAST YEAR. TEST WEIGHT WAS UP AND TOTAL DAMAGE DOWN, HOWEVER MOISTURE CONTENT WAS HIGHER. THERE WERE TRADE REPORTS THAT SOME CORN WAS IN THE FIELD LATE AND THAT SOME WAS BEING STORED UNDER POOR STORAGE CONDITIONS.

CORN
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP AND 1970 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U. S. GRADE										SAMPLE GRADE	ALL GRADES
	NO. 1	PCT.	NO. 2	PCT.	NO. 3	PCT.	NO. 4	PCT.	NO. 5	PCT.		
TEST WEIGHT *												
HIGH		60.7		60.2		60.7		60.2		58.7		60.7
LOW		56.2		54.2		52.2		49.2		47.2		44.2
AVERAGE		57.3		56.2		55.9		55.6		54.5		55.8
1971	4664		33880		32824		31632		20944		6120	97888
1970	3568	57.1	41576	55.9	31632	55.3	20944	54.8	11016	54.3	6208	114944
1969	1630	57.5	18160	56.0	23890	54.9		54.6	9900	53.8	6580	78840
MOISTURE												
HIGH		14.0		15.5		17.5		20.0		23.0		34.5
LOW		7.8		7.7		9.7		10.3		9.3		8.8
AVERAGE		13.2		14.7		16.0		17.7		19.1		20.2
1971	4664		33880		32824		31632		20944		6120	98408
1970	3568	13.1	41576	14.5	31632	15.5	20944	17.1	11016	18.1	6208	114952
1969	1630	13.1	18160	14.7	23900	15.8		17.3	9930	17.9	6600	78940
HEAT DAMAGE												
HIGH		0.0		0.1		0.5		0.8		0.4		16.0
LOW		0.0		0.0		0.0		0.0		0.1		0.0
AVERAGE		0.0		0.0		0.1		0.1		0.2		0.8
1971	8		120		152		112		40		224	672
1970	0	0.0	32	0.1	40	0.2	64	0.4	64	1.0	96	296
1969	0	0.0	0	0.0	60	0.4	80	0.5	30	0.4	120	290
TOTAL DAMAGE												
HIGH		3.0		5.0		7.0		10.0		15.0		75.0
LOW		0.0		0.0		0.0		0.0		0.0		0.0
AVERAGE		1.3		1.7		1.7		2.1		3.3		9.5
1971	4072		30584		27160		11112		4648		4000	82016
1970	3264	1.5	38720	2.2	29152	2.8	17560	3.7	9592	5.4	5672	103960
1969	1430	1.3	16390	1.8	21150	2.0	14470	2.5	7660	3.8	5580	66680
BRKN CORN AND FOR. MAT.												
HIGH		2.0		3.0		4.0		5.0		7.0		16.9
LOW		0.2		0.0		0.0		0.0		0.1		0.0
AVERAGE		1.3		1.9		2.1		2.1		2.7		2.8
1971	3936		29744		24968		10920		4968		4144	79248
1970	3208	1.4	38624	2.0	29048	2.4	17112	2.4	9328	2.8	5768	103088
1969	1150	1.3	16150	2.0	21720	2.6	14400	2.9	8400	4.1	5860	67680

* TEST WEIGHT IN POUNDS.

CORN TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	U. S. GRADE					SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		
50.0 AND OVER	40	16	56	16	0	0	128
59.0 - 59.9	240	344	360	64	0	0	1008
58.0 - 58.9	744	1944	1776	528	104	24	5120
57.0 - 57.9	1672	7136	5720	2032	304	248	17112
56.0 - 56.9	1968	10704	9728	4512	872	624	28424
55.0 - 55.9	0	8504	7144	4136	1360	696	21848
54.0 - 54.9	0	5232	3568	2496	1400	840	13536
53.0 - 53.9	0	0	3304	976	1032	560	5888
52.0 - 52.9	0	0	1168	440	600	704	2920
51.0 - 51.9	0	0	0	336	280	384	1000
50.0 - 50.9	0	0	0	88	112	240	440
49.0 - 49.9	0	0	0	40	24	152	216
48.0 - 48.9	0	0	0	0	16	56	72
47.0 - 47.9	0	0	0	0	16	64	80
46.0 - 46.9	0	0	0	0	0	48	48
45.9 AND UNDER	0	0	0	0	0	48	48
NO INFORMATION	0	0	0	0	0	0	528
MEAN 1971	57.3	56.2	55.9	55.6	54.5	53.6	55.8
MEAN 1970	57.1	55.9	55.3	54.8	54.3	53.9	55.3
MEAN 1969	57.5	56.0	54.9	54.6	53.8	53.0	54.8

CORN MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	U. S. GRADE					SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		
0.0 - 10.0	88	48	16	0	8	24	192
10.1 - 12.0	448	376	216	128	80	144	1392
12.1 - 13.0	960	1256	720	432	232	264	3864
13.1 - 13.5	1008	1368	672	200	912	200	3768
13.6 - 14.0	2160	2800	1312	632	296	248	7464
14.1 - 14.5	0	6520	1496	576	280	336	9288
14.6 - 15.0	0	10456	2024	512	280	176	13456
15.1 - 15.5	0	11056	1984	520	160	240	14064
15.6 - 16.5	0	0	14104	480	224	288	15184
16.6 - 17.5	0	0	10280	232	64	216	10904
17.6 - 18.5	0	0	0	6632	8	120	6864
18.6 - 20.0	0	0	0	5320	32	160	5544
20.1 - 23.0	0	0	0	0	4144	40	4192
23.1 - 25.0	0	0	0	0	0	1072	1072
25.1 - 27.5	0	0	0	0	0	680	680
27.6 - 30.0	0	0	0	0	0	408	408
30.1 - 32.5	0	0	0	0	0	56	56
32.6 - 35.0	0	0	0	0	0	16	16
35.1 - 40.0	0	0	0	0	0	0	0
40.1 AND OVER	0	0	0	0	0	0	8
NO INFORMATION	0	0	0	0	0	0	8
MEAN 1971	13.2	14.7	16.0	17.7	19.1	20.2	16.1
MEAN 1970	13.1	14.5	15.5	17.1	18.1	17.7	15.7
MEAN 1969	13.1	14.7	15.8	17.3	17.9	20.6	16.5

CORN TOTAL DAMAGE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	U. S. GRADE					SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		
0.0	32	312	200	128	8	8	688
0.1 - 1.0	2168	12912	13496	5720	2184	1104	37616
1.1 - 2.0	1168	8952	7168	2480	896	424	21160
2.1 - 2.5	344	1904	1216	376	152	184	4256
2.6 - 3.0	360	2336	1504	568	168	200	5208
3.1 - 3.5	0	1064	528	136	80	104	2008
3.6 - 4.0	0	1376	752	136	120	192	2616
4.1 - 5.0	0	1728	792	264	144	256	3216
5.1 - 6.0	0	0	656	104	104	40	920
6.1 - 7.0	0	0	848	56	40	120	1064
7.1 - 8.0	0	0	0	336	8	32	376
8.1 - 10.0	0	0	0	808	56	136	1000
10.1 - 12.0	0	0	0	0	272	64	336
12.1 - 15.0	0	0	0	0	416	64	480
15.1 - 18.0	0	0	0	0	0	264	264
18.1 - 25.0	0	0	0	0	0	352	352
25.1 AND OVER	0	0	0	0	0	456	456
NO INFORMATION	592	3296	5664	4552	1472	688	16400
MEAN 1971	1.3	1.7	1.7	2.1	3.3	9.5	2.2
MEAN 1970	1.5	2.2	2.8	3.7	5.4	14.7	3.6
MEAN 1969	1.3	1.8	2.0	2.5	3.8	9.6	2.9

BROKEN CORN AND FOREIGN MATERIAL
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	U. S. GRADE					SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		
0.0	0	40	80	88	0	0	208
0.1 - 1.0	1448	5448	5352	3912	1496	1216	19016
1.1 - 1.5	1128	4840	3656	1184	568	504	11968
1.6 - 2.0	1360	7856	4424	1600	848	160	16984
2.1 - 2.5	0	5248	2552	808	296	272	9272
2.6 - 3.0	0	6312	2896	744	312	432	10720
3.1 - 3.5	0	0	2856	136	80	96	3192
3.6 - 4.0	0	0	3152	176	48	120	3504
4.1 - 4.5	0	0	0	1048	16	48	1136
4.6 - 5.0	0	0	0	1224	16	56	1304
5.1 - 6.0	0	0	0	0	800	56	864
6.1 - 7.0	0	0	0	0	488	56	544
7.1 - 8.0	0	0	0	0	0	224	224
8.1 - 10.0	0	0	0	0	0	200	200
10.1 AND OVER	0	0	0	0	0	104	112
NO INFORMATION	728	4136	7856	4744	1152	544	19168
MEAN 1971	1.3	1.9	2.1	2.1	2.1	2.8	2.1
MEAN 1970	1.4	2.0	2.4	2.4	2.8	3.2	2.3
MEAN 1969	1.3	2.0	2.6	2.9	4.1	3.9	2.8

FLAXSEED
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS

STATES	U. S. GRADE			TOTAL NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	SAMPLE GRADE NUMBER	
MINNESOTA	2074	74	52	2200
MONTANA	16	0	0	16
NORTH DAKOTA	118	2	2	122
SOUTH DAKOTA	240	2	2	244
TEXAS	18	8	22	48
WISCONSIN	702	28	14	744
ALL STATES	3168	114	92	3374
% 1971 CROP YEAR	93.9	3.4	2.7	100.0
% 1970 CROP YEAR	96.2	1.3	2.6	100.0
% 1969 CROP YEAR	96.9	0.6	2.5	100.0

FLAXSEED
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP AND 1970 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	GRADE			ALL GRADES		
	NO. 1 NO.	PCT.	NO. 2 NO.	SAMPLE GRADE NO.	PCT.	NO. PCT.
DOCKAGE						
HIGH		25.0	24.0		21.0	25.0
LOW		0.5	2.0		3.0	0.5
AVERAGE	3168	6.7	114	92	8.5	3374
1971	7592	7.9	102	200	5.7	7894
1970	10044	6.3	66	258	7.2	10368
1969						6.4
TEST WEIGHT *						
HIGH		53.2	51.7		51.7	53.2
LOW		49.2	47.2		42.2	42.2
AVERAGE	3168	50.5	114	92	48.5	3374
1971	7598	50.7	102	202	50.1	7902
1970	10054	51.0	66	260	50.4	10380
1969						51.0
MOISTURE						
HIGH		9.5	9.4		12.6	12.6
LOW		5.0	6.3		6.5	5.0
AVERAGE	3150	7.4	114	92	8.3	3356
1971	7508	7.5	100	202	9.6	7810
1970	10030	7.7	66	260	9.6	10356
1969						7.7
HEAT DAMAGE						
HIGH		0.1	0.5		1.0	1.0
LOW		0.1	0.2		0.6	0.1
AVERAGE	4	0.1	12	12	0.8	28
1971	8	0.1	4	40	1.9	52
1970	6	0.2	22	42	2.5	70
1969						1.6
TOTAL DAMAGE						
HIGH		7.6	0.0		0.0	7.6
LOW		0.3	0.0		0.0	0.3
AVERAGE	6	2.9	0	0	0.0	6
1971	4	0.5	0	2	1.6	6
1970	0	0.0	0	2	0.7	0.9
1969						0.7

* TEST WEIGHT IN POUNDS.

FLAXSEED MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	U. S. GRADE		SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER		
6.9 AND UNDER	770	12	22	804
7.0 - 7.4	952	18	16	986
7.5 - 7.9	826	24	16	866
8.0 - 8.5	438	20	0	458
8.6 - 9.0	134	30	8	172
9.1 - 9.5	30	10	4	44
9.6 - 10.0	0	0	16	16
10.1 - 10.5	0	0	2	2
10.6 - 11.0	0	0	2	2
11.1 - 11.5	0	0	2	2
11.6 - 12.0	0	0	2	2
12.1 - 13.0	0	0	2	2
13.1 AND OVER	0	0	0	0
NO INFORMATION	18	0	0	18
MEAN 1971	7.4	8.0	8.3	7.4
MEAN 1970	7.5	7.9	9.6	7.6
MEAN 1969	7.7	8.1	9.6	7.7

FLAXSEED 1971 CROP ALTHOUGH STILL OF GOOD QUALITY, SHOWED 94 PERCENT U. S. NO. 1 COMPARED TO 96 AND 97 IN 1970 AND 1969
RESPECTIVELY. TEST WEIGHT WAS DOWN AND MOISTURE AVERAGED LOWER THAN 1970.

GRAIN SORGHUM
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS

STATES

U. S. GRADE

SPECIAL GRADES AND CLASSES

	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	WEEV- ILY NUMBER	YELLOW NUMBER	WHITE NUMBER	OTHER NUMBER
ARIZONA	0	35	0	0	7	49	0	42	0	7
CALIFORNIA	126	1015	462	854	364	2821	0	2814	0	7
COLORADO	56	847	469	182	35	1589	0	1568	0	21
KANSAS	224	5936	3745	2667	315	12901	21	12355	7	539
MISSOURI	105	1554	1393	840	203	4095	14	3787	14	294
NEBRASKA	357	3948	1939	1358	385	7994	42	7553	63	378
OKLAHOMA	0	77	35	21	7	140	0	133	0	7
TENNESSEE	7	56	84	161	28	336	0	56	0	280
TEXAS	539	16324	6447	3136	1547	28007	532	27566	0	441
ALL STATES	1414	29792	14574	9219	2891	57932	609	55874	84	1974
% 1971 CROP YEAR	2.4	51.5	25.2	15.9	5.0	100.0	1.1	96.4	0.1	3.4
% 1970 CROP YEAR	5.0	51.6	25.8	12.6	5.0	100.0	0.6	94.2	4.7	1.2
% 1969 CROP YEAR	4.3	43.4	24.4	22.3	5.6	100.0	0.6	99.3	0.3	0.4

GRAIN SORGHUM MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT

U. S. GRADE

SAMPLE
GRADE
NUMBERALL
GRADES
NUMBERNO. 4
NUMBERNO. 3
NUMBERNO. 2
NUMBERNO. 1
NUMBER

	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
10.0 AND UNDER	14	70	14	0	7	105
10.1 - 11.0	35	287	42	7	63	441
11.1 - 12.0	154	1274	98	21	182	1729
12.1 - 13.0	1211	4963	434	84	294	6993
13.1 - 14.0	0	23135	1148	252	532	25088
14.1 - 15.0	0	0	12789	203	497	13496
15.1 - 16.0	0	0	0	5544	350	5894
16.1 - 17.0	0	0	0	2121	203	2324
17.1 - 18.0	0	0	0	980	84	1064
18.1 - 19.0	0	0	0	0	224	224
19.1 - 20.0	0	0	0	0	189	189
20.1 - 21.0	0	0	0	0	133	133
21.1 - 22.0	0	0	0	0	70	70
22.1 AND OVER	0	0	0	0	63	63
NO INFORMATION	0	63	49	7	0	119
MEAN 1971	12.6	13.4	14.4	15.9	15.6	14.1

GRAIN SORGHUM
 RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP AND 1970 CROP AVERAGE
 ALL INSPECTIONS
 ALL STATES

QUALITY FACTOR	U. S. GRADE												ALL GRADES	
	NO. 1			NO. 2			NO. 3			NO. 4			SAMPLE GRADE	
	NO.	PCT.		NO.	PCT.		NO.	PCT.		NO.	PCT.		NO.	PCT.
DOCKAGE														
HIGH		0.0			1.0			2.0			1.0			1.0
LOW		0.0			1.0			1.0			1.0			1.0
AVERAGE		0		49	1.0		56	1.1		49	1.0		63	1.0
1971		0		63	1.0		77	1.5		70	1.3		21	1.7
1970		0		21	1.3		28	1.1		35	1.2		7	1.0
1969		0											91	1.2
TEST WEIGHT *														
HIGH		60.2			60.7			61.2			61.2			61.2
LOW		57.2			55.2			53.2			51.2			41.7
AVERAGE		1414		29792	57.3		14574	57.1		9219	56.8		2891	55.3
1971		2814		29960	57.3		14805	56.5		7259	56.1		2625	55.3
1970		2457		25116	57.3		14098	57.0		12894	57.5		3234	55.5
1969														57.2
MOISTURE														
HIGH		13.0			14.0			15.0			18.0			28.1
LOW		9.8			8.7			10.0			10.6			8.7
AVERAGE		1414		29729	13.4		14525	14.4		9212	15.9		2891	15.6
1971		2814		29967	13.5		14805	14.2		7259	15.7		2625	14.6
1970		2457		25116	13.5		14098	14.5		12894	16.4		3234	17.6
1969														14.6
HEAT DAMAGE														
HIGH		0.0			0.2			0.7			0.0			1.0
LOW		0.0			0.2			0.7			0.0			0.2
AVERAGE		0		7	0.2		7	0.7		0	0.0		7	1.0
1971		0		0	0.0		0	0.0		0	0.0		0	0.6
1970		0		0	0.0		0	0.0		0	0.0		0	0.0
1969		0		0	0.0		0	0.0		0	0.0		7	10.0
TOTAL DAMAGE														
HIGH		2.0			5.0			10.0			15.0			50.0
LOW		0.3			0.0			0.0			0.0			0.0
AVERAGE		133		6020	2.2		3290	2.4		2037	2.8		1309	12.5
1971		308		5285	2.9		4410	5.4		2450	6.3		1638	16.0
1970		49		819	2.7		742	3.1		1162	1.1		315	8.4
1969														2.8
BRKN KER. FM & OTH. GR.														
HIGH		4.0			8.0			12.0			15.0			19.7
LOW		0.8			0.6			0.5			1.0			0.4
AVERAGE		1071		15974	4.2		10073	4.2		7336	3.8		1687	4.4
1971		1015		9639	4.1		6272	4.1		5691	3.7		1183	4.8
1970		455		6020	4.3		4151	4.1		10003	3.6		1547	3.4
1969														3.9

* TEST WEIGHT IN POUNDS.

GRAIN SORGHUM THE 1971 CROP HAD 54 PERCENT U. S. NO. 2 OR BETTER AS COMPARED TO 57 PERCENT FOR THE 1970 CROP. TOTAL
 DAMAGE AVERAGED LOWER WITH OTHER FACTORS ABOUT THE SAME.

GRAIN SORGHUM TOTAL DAMAGE
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 NUMBER	U. S. GRADE NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
.0	0	154	77	35	0	266
0.1 - 1.0	105	2114	1911	1337	119	5586
1.1 - 2.0	28	616	329	252	77	1302
2.1 - 2.5	0	280	14	14	7	315
2.6 - 3.0	0	966	112	28	70	1176
3.1 - 3.5	0	427	56	7	14	504
3.6 - 4.0	0	791	49	14	77	931
4.1 - 5.0	0	672	168	28	84	952
5.1 - 6.0	0	0	70	7	28	105
6.1 - 7.0	0	0	119	7	14	140
7.1 - 8.0	0	0	175	21	49	245
8.1 - 10.0	0	0	210	28	91	329
10.1 - 12.0	0	0	0	70	42	112
12.1 - 15.0	0	0	0	189	77	266
15.1 - 18.0	0	0	0	0	210	210
18.1 - 25.0	0	0	0	0	273	273
25.1 AND OVER	0	0	0	0	77	77
NO INFORMATION	1281	23772	11284	7182	1582	45143
MEAN 1971	0.7	2.2	2.4	2.8	12.5	3.4

OATS
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS

STATES		U. S. GRADE								SPECIAL GRADES AND CLASSES						
		NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	NO. 2 NUMBER	NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 HEAVY NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	TOUGH NUMBER	WEEV- ILY NUMBER	THIN NUMBER	WHITE NUMBER	OTHER NUMBER
ILLINOIS		42	6	123	18	6	3	3	0	12	213	12	9	0	213	0
IOWA		393	45	333	54	84	12	24	9	24	978	9	12	0	978	0
MINNESOTA		1740	60	2229	129	978	93	282	33	195	5739	54	66	0	5739	0
MISSOURI		447	30	60	3	6	0	0	0	0	546	0	0	0	543	3
NEBRASKA		24	15	6	0	6	0	0	0	3	54	3	3	0	54	0
NEW YORK		3	0	0	0	0	0	0	0	0	3	0	0	0	0	3
NORTH DAKOTA		960	48	612	105	207	51	90	30	48	2151	9	3	0	2151	0
OHIO		135	6	36	0	6	0	3	0	6	192	39	0	0	117	75
SOUTH DAKOTA		879	6	450	9	174	3	42	3	18	1584	0	3	0	1581	3
WISCONSIN		69	6	108	0	63	3	3	0	24	276	33	0	0	276	0
ALL STATES		4692	222	3957	318	1530	165	447	75	330	11736	159	96	0	11652	84
% 1971 CROP YEAR		40.0	1.9	33.7	2.7	13.0	1.4	3.8	0.6	2.8	100.0	1.4	0.8	0.0	99.3	0.7
% 1970 CROP YEAR		31.6	8.1	26.0	10.0	9.0	4.9	3.4	2.2	4.8	100.0	1.5	2.0	0.0	99.5	0.5
% 1969 CROP YEAR		44.3	4.9	28.7	5.3	8.5	3.0	2.4	2.9	0.0	100.0	3.3	1.2	0.0	99.7	0.3

OATS THE 1971 CROP WAS LITTLE CHANGED FROM THE 1970 CROP WITH 78 PERCENT GRADING U. S. NO. 2 OR BETTER COMPARED TO 76 PERCENT FOR THE 1970 CROP. TEST WEIGHT WAS HIGHER. THERE WAS A SLIGHT INCREASE IN WILD OATS AND OTHER FACTORS WERE ABOUT THE SAME.

OATS
 RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP AND 1970 CROP AVERAGE
 ALL INSPECTIONS
 ALL STATES

QUALITY FACTOR	TEST WEIGHT *	U. S. GRADE												SAMPLE		ALL GRADES	
		NO. 1 HEAVY		NO. 2 HEAVY		NO. 3 HEAVY		NO. 4 HEAVY		NO. 4		NO. 4		GRADE		PCT.	
		NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.
MOISTURE	HIGH	44.7	35.7	43.7	35.7	44.2	35.7	42.7	35.7	35.7	42.7	35.7	35.7	42.2	44.7	44.7	44.7
	LOW	36.2	34.2	36.2	32.2	36.2	30.2	36.2	30.2	30.2	36.2	30.2	30.2	27.2	27.2	27.2	27.2
	AVERAGE	4692 39.0	222 35.1	3957 39.0	318 34.5	1530 39.0	165 33.7	447 39.0	165 33.7	165 33.7	447 39.0	165 33.7	165 33.7	330 37.9	11736 38.7	330 37.9	11736 38.7
HEAT DAMAGE	1971	4392 38.1	1122 35.0	3606 38.3	1386 34.2	1254 38.3	678 33.3	477 38.6	678 33.3	678 33.3	477 38.6	678 33.3	678 33.3	672 36.0	13887 37.1	672 36.0	13887 37.1
	1970	6438 38.8	708 35.0	4170 38.9	768 33.8	1239 39.0	432 32.8	345 39.1	432 32.8	432 32.8	345 39.1	432 32.8	432 32.8	0 0.0	14526 38.1	0 0.0	14526 38.1
	1969	15.7	15.3	15.2	15.7	15.0	15.2	14.0	15.2	15.2	14.0	14.3	14.3	17.5	17.5	17.5	17.5
WILD OATS	HIGH	8.8	9.4	8.8	9.6	8.8	10.0	9.8	10.0	10.0	9.8	9.8	9.8	9.7	9.7	9.7	9.7
	LOW	4692 11.4	222 11.7	3957 11.5	318 11.9	1527 11.8	165 12.3	447 11.8	165 12.3	165 12.3	447 11.8	165 12.3	165 12.3	330 12.5	11733 11.6	330 12.5	11733 11.6
	AVERAGE	4392 11.6	1122 11.8	3606 11.5	1386 11.9	1254 11.6	678 12.0	477 11.7	678 12.0	678 12.0	477 11.7	678 12.0	678 12.0	672 12.1	13887 11.7	672 12.1	13887 11.7
FOREIGN MATERIAL	1971	6438 11.5	708 12.8	4170 11.6	768 13.0	1239 11.9	432 13.3	345 12.3	432 13.3	432 13.3	345 12.3	426 13.2	426 13.2	0 0.0	14526 11.8	0 0.0	14526 11.8
	1970	0.1	0.0	0.3	0.0	0.8	0.0	3.0	0.0	0.0	3.0	0.0	0.0	16.0	16.0	16.0	16.0
	1969	0.1	0.0	0.1	0.0	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.1
SOUND	HIGH	6	0.0	99	0.0	27	0.0	12	0.0	0	12	0.0	0	27	6.4	171	1.3
	LOW	12	0.1	45	0.2	21	0.6	21	0.6	6	21	1.4	3	45	3.3	153	1.4
	AVERAGE	0	0.0	33	0.2	24	0.5	36	1.9	24	36	1.9	129	0	0.0	246	2.5
GRADES	HIGH	0.0	0.0	1.6	0.0	4.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
	LOW	0.0	0.0	1.6	0.0	3.5	0.0	4.6	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0
	AVERAGE	0 0.0	0 0.0	3 1.6	0 0.0	15 3.7	0 0.0	15 6.8	0 0.0	0 0.0	15 6.8	0 0.0	0 0.0	0 0.0	0 0.0	33	4.9
TOTAL	1971	6	0.0	3	2.1	3	3.5	6	7.5	0	6	7.5	3	3	3.5	24	4.3
	1970	0	0.0	18	0.4	21	3.0	0	0.0	0	0	0.0	3	0	0.0	45	2.1
	1969	2.0	2.0	3.0	3.0	4.0	4.0	5.0	4.0	4.0	5.0	5.0	5.0	12.0	12.0	12.0	12.0
TOTAL	HIGH	4521 1.0	204 1.0	3885 1.6	306 1.6	1518 2.3	162 2.5	444 3.1	162 2.5	162 2.5	444 3.1	162 2.5	162 2.5	315 4.8	11430 1.6	315 4.8	11430 1.6
	LOW	3966 1.0	1026 1.1	3504 1.6	1278 1.8	1227 2.3	636 2.7	468 3.3	636 2.7	636 2.7	468 3.3	636 2.7	636 2.7	648 6.6	13050 1.9	648 6.6	13050 1.9
	AVERAGE	6105 1.0	552 1.0	4071 1.5	468 1.4	1218 1.9	363 1.7	333 2.3	363 1.7	363 1.7	333 2.3	372 3.8	372 3.8	0 0.0	13482 1.4	0 0.0	13482 1.4
TOTAL	HIGH	99.6	99.0	98.7	99.1	98.9	99.0	95.0	99.0	99.0	95.0	98.0	98.0	98.0	98.0	98.0	98.0
	LOW	97.0	97.0	94.0	94.0	90.0	90.0	80.0	90.0	90.0	80.0	80.0	80.0	58.5	58.5	58.5	58.5
	AVERAGE	4680 97.7	222 97.7	3951 95.5	318 95.9	1527 93.2	165 93.4	447 88.6	165 93.4	165 93.4	447 88.6	75 89.1	75 89.1	330 87.0	11715 95.6	330 87.0	11715 95.6
TOTAL	1971	4368 97.7	1107 97.7	3597 95.6	1386 96.1	1251 92.6	678 94.5	477 89.3	678 94.5	678 94.5	477 89.3	297 93.7	297 93.7	663 88.8	13824 95.6	663 88.8	13824 95.6
	1970	6381 97.7	579 98.1	4161 95.5	651 96.7	1236 92.7	387 96.2	339 87.7	387 96.2	387 96.2	339 87.7	399 87.7	399 87.7	0 0.0	14133 96.0	0 0.0	14133 96.0
	1969																

* TEST WEIGHT IN POUNDS.

RYE
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS

STATES	U. S. GRADE					SPECIAL GRADES				
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	TOUGH NUMBER	WEEV- ILY NUMBER	ERGOTY NUMBER	PLUMP NUMBER
MINNESOTA	827	654	87	17	3	1587	75	0	66	936
NEBRASKA	90	41	11	3	0	144	0	0	0	80
NORTH DAKOTA	83	9	3	0	0	95	0	0	2	42
PENNSYLVANIA	2	20	32	11	8	71	30	0	0	71
SOUTH DAKOTA	440	188	18	2	2	648	0	0	2	284
WASHINGTON	104	39	11	5	0	158	0	0	0	156
WISCONSIN	435	185	18	6	2	645	14	0	11	465
ALL STATES	1979	1134	179	42	14	3347	119	0	80	2033
% 1971 CROP YEAR	59.1	33.9	5.3	1.3	0.4	100.0	3.5	0.0	2.4	60.7
% 1970 CROP YEAR	48.9	36.8	11.4	2.1	0.8	100.0	2.4	0.0	0.5	57.7
% 1969 CROP YEAR	39.9	48.8	8.5	1.4	1.4	100.0	4.2	0.0	0.6	49.3

RYE THE 1971 CROP WAS GOOD QUALITY WITH 93 PERCENT GRADING U. S. NO. 2 OR BETTER AS COMPARED TO 86 PERCENT IN THE 1970 CROP. TOTAL DAMAGE AND THIN KERNELS WERE DOWN, TEST WEIGHT WAS UP AND OTHER FACTORS WERE ABOUT THE SAME.

RYE
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP AND 1970 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U. S. GRADE												ALL GRADES	
	NO. 1			NO. 2			NO. 3			NO. 4			SAMPLE GRADE	
	NO.	PCT.		NO.	PCT.		NO.	PCT.		NO.	PCT.		NO.	PCT.
DOCKAGE														
HIGH		10.5			8.5			9.5			7.5			2.5
LOW		0.0			0.0			1.5			1.5			1.5
AVERAGE	1971	561	1.7	396	1.9		78	3.1		18	4.3		8	1.9
	1970	377	1.4	305	1.7		105	1.8		15	2.6		2	1.5
	1969	254	1.1	363	1.6		98	1.8		26	1.7		21	1.7
TEST WEIGHT *														
HIGH		61.0			59.5			59.3			58.0			55.7
LOW		56.0			54.0			52.0			49.0			48.8
AVERAGE	1971	1979	57.2	1134	55.4		179	54.3		42	53.2		14	52.8
	1970	1230	57.0	926	55.2		287	53.7		53	51.6		20	51.0
	1969	1361	56.8	1667	55.1		290	53.6		50	52.3		47	50.5
MOISTURE														
HIGH		15.6			15.9			15.5			15.2			17.5
LOW		8.9			9.4			10.0			11.0			11.7
AVERAGE	1971	1874	11.9	1095	12.5		168	12.7		38	13.2		14	14.9
	1970	1220	12.0	864	12.4		224	12.5		24	13.6		20	16.3
	1969	1307	12.2	1643	12.5		275	12.5		48	13.5		47	15.2
HEAT DAMAGE														
HIGH		0.0			0.0			0.0			0.0			0.0
LOW		0.0			0.0			0.0			0.0			0.0
AVERAGE	1971	0	0.0	0	0.0		0	0.0		0	0.0		0	0.0
	1970	0	0.0	0	0.0		0	0.0		0	0.0		0	0.0
	1969	0	0.0	0	0.0		0	0.0		0	0.0		0	0.0
TOTAL DAMAGE														
HIGH		2.0			4.0			7.0			15.0			19.3
LOW		0.0			0.3			0.8			0.5			0.7
AVERAGE	1971	45	0.5	33	1.3		39	2.1		23	7.0		11	6.2
	1970	15	0.5	54	1.8		33	3.0		15	6.2		18	5.8
	1969	35	0.6	62	1.8		30	4.5		27	8.2		36	19.5
FOREIGN MATERIAL														
HIGH		3.0			6.0			10.0			8.0			9.4
LOW		0.1			0.3			0.1			0.3			0.2
AVERAGE	1971	530	0.8	255	1.6		65	3.3		18	1.7		11	3.8
	1970	239	0.9	192	1.7		74	3.7		12	1.3		14	0.3
	1969	252	0.8	260	1.4		44	4.3		14	1.5		29	1.3
FOR. MAT. NOT WHEAT														
HIGH		1.0			2.0			4.0			6.0			9.3
LOW		0.2			0.1			0.1			0.1			0.1
AVERAGE	1971	342	0.6	266	1.2		77	1.9		24	2.4		9	3.1
	1970	146	0.6	131	1.0		36	1.8		15	2.4		8	0.6
	1969	90	0.6	162	1.1		29	1.9		15	1.6		27	0.3
THIN														
HIGH		10.0			15.0			24.0			34.0			10.0
LOW		0.4			0.7			0.4			0.7			1.8
AVERAGE	1971	1670	4.9	845	5.5		149	6.8		36	9.1		12	3.9
	1970	947	5.2	606	6.2		188	6.3		26	8.0		18	3.2
	1969	971	5.1	1220	6.9		260	8.6		44	8.7		24	3.0

* TEST WEIGHT IN POUNDS.

SOYBEANS
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS

STATES	U. S. GRADE					SAMPLE GRADE NUMBER	TOTAL NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER			
ALABAMA	266	2142	1862	1246		756	6272
ARKANSAS	336	1050	476	238		224	2324
ILLINOIS	2296	8890	3402	1428		476	20342
INDIANA	210	826	490	126		42	1694
IOWA	6412	6692	2156	896		616	16814
KANSAS	294	2254	798	588		196	4130
KENTUCKY	14	420	462	238		56	1190
LOUISIANA	0	420	3850	2002		658	6930
MARYLAND	0	0	0	0		0	4788
MINNESOTA	2912	3948	2254	1050		294	10458
MISSISSIPPI	168	756	616	378		266	2184
MISSOURI	826	2478	1386	742		210	5656
NEBRASKA	602	1582	266	182		84	2744
OHIO	1820	13958	17374	3346		1540	38038
SOUTH CAROLINA	0	56	448	462		308	3612
TENNESSEE	238	2632	1904	812		630	6216
TEXAS	0	854	1456	448		154	2912
VIRGINIA	56	448	770	630		2912	4816
ALL STATES	16450	49406	39970	14812		9422	141120
% 1971 CROP YEAR	12.6	38.0	30.7	11.4		7.2	100.0
% 1970 CROP YEAR	22.6	37.6	24.4	10.0		5.4	100.0
% 1969 CROP YEAR	22.3	44.0	23.2	6.9		3.6	100.0

SOYBEANS THE 1971 CROP WAS OF LOWER QUALITY WITH ONLY 51 PERCENT U. S. NO. 2 OR BETTER AS COMPARED TO 60 PERCENT FOR THE 1970 CROP. TEST WEIGHT WAS LOWER, MOISTURE, TOTAL DAMAGE AND SPLITS WERE HIGHER. THERE WAS CONSIDERABLE VARIATION BETWEEN STATES IN QUALITY.

SOYBEANS
 RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP AND 1970 CROP AVERAGE
 ALL INSPECTIONS
 ALL STATES

QUALITY FACTOR	TEST WEIGHT *	U. S. GRADE												ALL GRADES	
		NO. 1			NO. 2			NO. 3			NO. 4			SAMPLE GRADE	
		NO.	PCT.		NO.	PCT.		NO.	PCT.		NO.	PCT.		NO.	PCT.
TEST WEIGHT *	HIGH		59.7		59.7		59.2		58.7						
	LOW		56.2		54.2		52.2		50.2						
	AVERAGE	16450	56.9		49406	55.8	39970	55.2	14812	55.1				130200	55.6
MOISTURE	1971	29106	56.9		48524	56.0	31458	55.3	12866	55.1				128912	55.9
	1970	27720	56.8		60924	56.1	31536	56.2	9516	56.2				134628	56.3
	1969														
HEAT DAMAGE	HIGH		13.0		14.0		16.0		18.0						
	LOW		8.5		8.0		9.0		9.0						
	AVERAGE	16450	11.6		49406	12.6	39970	14.0	14812	14.2				140952	13.3
TOTAL DAMAGE	1971	29134	11.7		48552	12.6	31500	14.2	12936	14.9				128814	13.1
	1970	31872	12.2		62916	12.9	33156	14.1	9912	14.0				142908	13.1
	1969														
FOREIGN MATERIAL	HIGH		0.2		0.5		1.0		1.9						
	LOW		0.1		0.1		0.4		1.1						
	AVERAGE	14	0.2		112	0.3	196	0.4	140	1.1				840	1.5
BROWN, BLACK, BICOLORED	1971	2898	0.7		15904	1.0	16184	2.2	8274	3.0				52024	2.9
	1970	5306	0.7		19600	1.1	18704	1.7	8134	2.9				55062	1.8
	1969	8748	0.8		29364	1.1	13212	1.4	5220	1.5				59316	1.2
SPLITS	HIGH		1.0		2.0		3.0		5.0						
	LOW		0.0		0.0		0.2		0.2						
	AVERAGE	16436	0.7		49364	1.2	39914	1.7	14812	3.2				140896	1.8
SPLITS	1971	29092	0.7		48482	1.1	31444	1.5	12922	2.5				128926	1.4
	1970	31356	0.7		62712	1.1	32916	1.6	9888	3.4				141972	1.5
	1969														
SPLITS	HIGH		0.0		0.0		0.0		0.0						
	LOW		0.0		0.0		0.0		0.0						
	AVERAGE	0	0.0		0	0.0	28	0.0	0	0.0				28	0.0
SPLITS	1971	0	0.0		0	0.0	28	0.0	0	0.0				28	0.0
	1970	0	0.0		12	1.8	0	0.0	0	0.0				12	1.8
	1969	0	0.0												
SPLITS	HIGH		10.0		20.0		30.0		40.0						
	LOW		1.0		0.4		1.0		1.0						
	AVERAGE	14280	6.4		44128	8.4	36078	7.9	13356	9.1				116368	8.3
SPLITS	1971	25984	5.4		44800	7.9	28462	7.6	11592	7.4				115752	7.2
	1970	25080	5.3		56592	7.2	28860	6.3	8580	7.6				123456	6.7
	1969														

* TEST WEIGHT IN POUNDS.

SOYBEANS TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	U. S. GRADE				SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER		
50.0 AND OVER	0	0	0	0	28	28
59.0 - 59.9	112	14	42	0	70	238
58.0 - 58.9	980	630	154	210	294	2268
57.0 - 57.9	5474	4746	2100	1246	756	14336
56.0 - 56.9	9884	14854	8358	3318	1596	38024
55.0 - 55.9	0	21448	15022	4158	1624	42252
54.0 - 54.9	0	7714	8526	2954	966	20160
53.0 - 53.9	0	0	4550	1778	994	7434
52.0 - 52.9	0	0	1218	560	1134	2912
51.0 - 51.9	0	0	0	476	1064	1540
50.0 - 50.9	0	0	0	112	644	756
49.0 - 49.9	0	0	0	0	154	154
48.9 AND UNDER	0	0	0	0	98	98
NO INFORMATION	0	0	0	0	0	10920
MEAN 1971	56.9	55.8	55.2	55.1	54.2	55.6
MEAN 1970	56.9	56.0	55.3	55.1	55.1	55.9
MEAN 1969	56.8	56.1	56.2	56.2	56.1	56.3

SOYBEANS MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	U. S. GRADE				SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER		
10.0 AND UNDER	1176	2254	560	252	112	4452
10.1 - 12.0	9408	12768	4228	2254	1050	31514
12.1 - 13.0	5866	14574	5446	2688	1316	31990
13.1 - 13.5	0	9170	2408	1232	910	14294
13.6 - 14.0	0	10640	2898	1428	938	17108
14.1 - 14.5	0	0	9016	938	476	11788
14.6 - 15.0	0	0	7336	910	868	10234
15.1 - 15.5	0	0	4424	686	686	6482
15.6 - 16.0	0	0	3654	644	812	5684
16.1 - 16.5	0	0	0	1582	518	2646
16.6 - 17.5	0	0	0	1316	588	2268
17.6 - 18.0	0	0	0	462	322	966
18.1 - 20.0	0	0	0	420	168	686
20.1 AND OVER	0	0	0	0	630	840
NO INFORMATION	0	0	0	0	0	126
MEAN 1971	11.6	12.6	14.0	14.2	14.6	13.3
MEAN 1970	11.7	12.6	14.2	14.9	14.6	13.1
MEAN 1969	12.2	12.9	14.1	14.0	13.9	13.1

SOYBEANS SPLITS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	U. S. GRADE				SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER		
0.0	0	0	0	0	0	0
0.1 - 2.0	448	728	1400	756	266	3598
2.1 - 4.0	2716	5418	6356	2030	952	17472
4.1 - 6.0	4228	9282	8400	2366	1386	25662
6.1 - 8.0	3976	10738	8820	2268	1190	26992
8.1 - 10.0	2912	7378	4746	1932	1218	18186
10.1 - 12.0	0	4564	2086	1148	770	8568
12.1 - 14.0	0	2744	1288	812	560	5404
14.1 - 16.0	0	1736	826	602	294	3458
16.1 - 18.0	0	952	644	574	546	2716
18.1 - 20.0	0	588	434	350	630	2002
20.1 - 25.0	0	0	658	308	448	1414
25.1 - 30.0	0	0	420	98	196	714
30.1 - 35.0	0	0	0	98	28	126
35.1 - 40.0	0	0	0	14	28	42
40.1 AND OVER	0	0	0	0	14	14
NO INFORMATION	2170	5278	3892	1456	896	24752
MEAN 1971	6.4	8.4	7.9	9.1	11.1	8.3
MEAN 1970	5.4	7.9	7.6	7.4	7.1	7.2
MEAN 1969	5.3	7.2	6.3	7.6	8.6	6.7

SOYBEANS TOTAL DAMAGE
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	U. S. GRADE				SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER		
0.0	0	28	42	14	0	8
0.1 - 0.5	1582	4480	1610	854	280	8820
0.6 - 1.0	1036	7000	4158	1918	896	15022
1.1 - 1.5	126	1092	1148	560	210	3164
1.6 - 2.0	154	1778	1736	616	294	4648
2.1 - 2.5	0	658	1134	392	140	2758
2.6 - 3.0	0	868	1736	532	126	3640
3.1 - 3.5	0	0	770	350	182	1750
3.6 - 4.0	0	0	1918	462	210	2744
4.1 - 4.5	0	0	784	378	70	1414
4.6 - 5.0	0	0	1148	350	210	1806
5.1 - 6.0	0	0	0	602	84	770
6.1 - 7.0	0	0	0	770	126	1008
7.1 - 8.0	0	0	0	476	56	574
8.1 - 9.0	0	0	0	0	294	420
9.1 - 10.0	0	0	0	0	546	574
10.1 AND OVER	0	0	0	0	2688	2828
NO INFORMATION	13552	33502	23786	6538	3010	89096
MEAN 1971	0.7	1.0	2.2	3.0	9.6	2.9
MEAN 1970	0.7	1.1	1.7	2.9	6.2	1.8
MEAN 1969	0.8	1.1	1.4	1.5	2.7	1.2

SOYBEANS FOREIGN MATERIAL
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	U. S. GRADE				SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER		
0.0	42	28	0	0	0	70
0.1 - 0.2	658	350	112	28	14	1302
0.3 - 0.4	1876	1652	1134	140	126	5768
0.5 - 0.6	2758	3332	2058	238	140	10556
0.7 - 0.8	4228	6272	3612	560	294	16828
0.9 - 1.0	6874	11158	7252	1078	784	29036
1.1 - 1.2	0	1694	420	70	168	2646
1.3 - 1.4	0	8036	3360	616	448	13118
1.5 - 1.6	0	5726	2436	406	294	9296
1.7 - 1.8	0	5082	2226	280	350	8190
1.9 - 2.0	0	6034	3388	658	504	11032
2.1 - 2.5	0	0	6440	448	336	7770
2.6 - 3.0	0	0	7476	518	448	8736
3.1 - 3.5	0	0	0	2730	210	3136
3.6 - 4.0	0	0	0	3570	168	3920
4.1 - 4.5	0	0	0	1400	70	1680
4.6 - 5.0	0	0	0	2072	98	2324
5.1 - 6.0	0	0	0	0	1456	1610
6.1 AND OVER	0	0	0	0	3500	3878
NO INFORMATION	14	42	56	0	14	224
MEAN 1971	0.7	1.2	1.7	3.2	5.1	1.8
MEAN 1970	0.7	1.1	1.5	2.5	3.9	1.4
MEAN 1969	0.7	1.1	1.6	3.4	6.6	1.5

DURUM WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS

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STATES	U. S. GRADES										SPECIAL GRADES				SUBCLASSES									
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		TOTAL		TOUGH		WEEV-ILY		GAR-LICKY		HARD AMBER		RED DURUM	
	NUMBER	NO. 1	NUMBER	NO. 2	NUMBER	NO. 3	NUMBER	NO. 4	NUMBER	NO. 5	NUMBER	NO. 5	NUMBER	NO. 5	NUMBER	NO. 4	NUMBER	NO. 4	NUMBER	NO. 4	NUMBER	NO. 4	NUMBER	NO. 4
MINNESOTA	464	150	226	220	52	86	78	14	38	1328	28	0	0	948	242	138	0	0	0	0	0	0	0	0
MONTANA	64	70	26	60	4	10	2	0	16	252	0	0	0	214	16	22	0	0	0	0	0	0	0	0
NORTH DAKOTA	1774	534	412	354	60	108	84	14	28	3368	76	0	0	2606	536	226	0	0	0	0	0	0	0	0
SOUTH DAKOTA	32	10	42	14	8	6	8	0	0	122	2	0	0	98	24	0	0	0	0	0	0	0	0	0
WISCONSIN	398	536	468	518	60	86	70	6	58	3200	200	0	0	2356	660	184	0	0	0	0	0	0	0	0
ALL STATES	3732	1300	1174	1166	184	296	242	34	140	8270	306	0	0	6222	1478	570	0	0	0	0	0	0	0	0
1971 CROP YEAR	45.1	15.7	14.2	14.1	2.2	3.6	2.9	0.4	1.7	100.0	3.7	0.0	0.0	75.2	17.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970 CROP YEAR	33.3	19.2	13.2	20.4	2.2	5.1	3.6	0.7	2.2	100.0	1.8	0.1	0.0	86.9	10.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969 CROP YEAR	32.7	14.0	11.3	24.8	1.7	9.2	3.3	1.1	2.0	100.0	2.5	0.0	0.0	88.0	8.8	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

DURUM WHEAT THE 1971 CROP WAS OF BETTER QUALITY WITH 61 PERCENT GRADING U. S. NO. 1 OR BETTER AS COMPARED TO 52 PERCENT FOR THE 1970 CROP. TEST WEIGHT WAS UP AND TOTAL DEFECTS WERE DOWN AS COMPARED TO LAST YEAR.

DURUM WHEAT TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	U. S. GRADE										SAMPLE GRADE		ALL GRADES	
	NO. 1 HEAVY		NO. 2 HEAVY		NO. 3 HEAVY		NO. 4		NO. 5		NUMBER		NUMBER	
	NUMBER	NO. 1	NUMBER	NO. 2	NUMBER	NO. 3	NUMBER	NO. 4	NUMBER	NO. 5	NUMBER	NO. 5	NUMBER	NUMBER
65.0 - 68.0	28	0	8	0	2	0	4	0	0	0	0	0	42	42
62.0 - 64.9	3704	0	1166	0	182	0	104	2	2	2	40	5198	5198	5198
60.0 - 61.9	0	1298	0	954	0	246	112	16	16	16	58	2686	2686	2686
59.0 - 59.9	0	0	0	176	0	36	18	10	10	10	24	264	264	264
58.0 - 58.9	0	0	0	36	0	6	4	4	4	4	12	62	62	62
57.0 - 57.9	0	0	0	0	0	6	0	0	2	2	4	12	12	12
45.0 - 56.9	0	0	0	0	0	2	0	0	0	0	2	4	4	4
NO INFORMATION	0	2	0	0	0	0	0	0	0	0	0	2	2	2
MEAN 197	63.0	61.1	62.8	60.7	62.7	60.6	61.7	59.9	59.9	59.9	60.7	62.2	62.2	62.2
MEAN 1970	62.8	61.1	62.6	60.7	62.6	60.3	60.5	59.2	59.2	59.2	59.9	61.7	61.7	61.7
MEAN 1969	63.2	61.2	62.8	60.5	62.8	59.8	60.3	59.2	59.2	59.2	59.2	61.7	61.7	61.7

DURUM WHEAT
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP AND 1970 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U. S. GRADE												ALL GRADES NO. PCT.
	NO. 1 HEAVY			NO. 2			NO. 3 HEAVY			NO. 4			
	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	
DOCKAGE HIGH LOW AVERAGE	12.2 0.6 2142 1.0 1971	5.2 0.0 866 1.1 1970	7.5 0.0 874 1.2 1971	9.2 0.7 868 1.4 1970	6.2 0.6 144 1.5 1971	6.7 0.0 220 1.4 1970	8.7 0.5 172 1.5 1971	3.2 0.7 24 1.3 1970	6.2 0.7 80 1.7 1971	6.2 0.7 80 1.7 1970	3.2 0.7 24 1.3 1971	6.2 0.7 80 1.7 1970	12.2 0.0 5390 1.2 8074 1.3 5864 1.4
	TEST WEIGHT *												
	67.0 62.0 3732 63.0 1971	61.8 60.0 1298 61.1 1970	65.2 62.0 1174 62.8 1971	61.8 58.0 1166 60.7 1970	65.0 62.0 184 62.7 1971	61.8 56.8 296 60.6 1970	65.2 58.0 242 61.7 1971	62.2 57.7 34 59.9 1970	64.1 56.0 140 60.7 1971	64.1 56.0 140 60.7 1970	62.2 57.7 34 59.9 1971	62.2 57.7 34 59.9 1970	67.0 56.0 8268 62.2 9482 61.7 7856 61.7
	MOISTURE												
HIGH LOW AVERAGE	14.7 8.5 3676 11.7 1971	15.5 8.6 1242 12.5 1970	18.6 8.5 1156 11.5 1971	14.5 8.9 1126 12.2 1970	18.5 9.0 180 11.3 1971	15.5 9.6 286 12.2 1970	14.0 9.2 240 11.6 1971	14.0 10.6 34 12.3 1970	14.8 9.3 126 12.0 1971	14.8 9.3 126 12.0 1970	14.0 10.6 34 12.3 1971	14.8 9.3 126 12.0 1970	18.6 8.5 11.9 11.9 11.7
	HEAT DAMAGE												
	0.0 0.0 32 0.0 1971	0.0 0.0 10 0.0 1970	0.0 0.0 42 0.0 1971	0.0 0.0 14 0.0 1970	0.0 0.0 8 0.0 1971	0.0 0.0 6 0.0 1970	0.0 0.0 8 0.0 1971	0.0 0.0 16 0.0 1970	2.7 0.0 2 0.0 1971	0.0 0.0 0 0.0 1970	2.7 0.0 2 0.0 1971	2.7 0.0 2 0.0 1970	2.7 0.0 124 0.1 108 0.1 90 0.1
	TOTAL DAMAGE												
HIGH LOW AVERAGE	1.7 0.5 1550 0.5 1971	1.6 0.0 622 0.5 1970	4.0 0.0 850 0.7 1971	3.8 0.0 918 1.1 1970	6.0 0.2 134 1.1 1971	6.9 0.0 262 2.8 1970	10.0 0.1 184 3.1 1971	15.0 0.2 34 10.6 1970	39.8 0.2 104 8.6 1971	39.8 0.2 104 8.6 1970	15.0 0.2 34 10.6 1971	39.8 0.2 104 8.6 1970	39.8 0.0 4660 1.2 5632 1.6 4403 2.2
	FOREIGN MATERIAL												
	0.5 0.0 1558 0.3 1971	0.5 0.0 626 0.3 1970	1.0 0.0 986 0.5 1971	1.0 0.1 968 0.4 1970	2.0 0.2 140 0.8 1971	2.0 0.0 260 0.5 1970	2.8 0.1 184 0.8 1971	3.3 0.2 34 0.6 1970	3.4 0.0 4864 0.4 5720 0.5 4739 0.5	3.4 0.0 4864 0.4 5720 0.5 4739 0.5	3.3 0.2 34 0.6 1971	3.3 0.2 34 0.6 1970	3.4 0.0 4864 0.4 5720 0.5 4739 0.5
	SHRUNKEN & BROKEN												
HIGH LOW AVERAGE	3.0 0.0 1558 1.4 1971	2.8 0.4 632 1.6 1970	4.0 0.2 888 2.1 1971	4.8 0.0 956 2.3 1970	5.8 0.4 140 3.9 1971	6.6 0.0 262 2.3 1970	8.4 0.5 186 2.1 1971	11.6 0.3 34 2.1 1970	4.0 0.6 4764 1.9 5674 2.2 4665 2.1	4.0 0.6 4764 1.9 5674 2.2 4665 2.1	11.6 0.3 34 2.1 1971	4.0 0.6 4764 1.9 5674 2.2 4665 2.1	11.6 0.0 41.5 -2.3 4730 3.4 5660 4.2 4605 4.6
	TOTAL DEFECTS												
	3.0 0.0 1556 2.2 1971	2.3 -2.3 626 2.4 1970	5.0 0.2 878 3.2 1971	5.0 0.7 942 3.7 1970	7.6 1.6 140 3.9 1971	8.0 0.0 260 5.6 1970	12.0 1.8 186 6.0 1971	17.3 6.4 34 13.3 1970	41.5 1.2 106 11.3 1971	41.5 1.2 106 11.3 1970	17.3 6.4 34 13.3 1971	17.3 6.4 34 13.3 1970	41.5 -2.3 4730 3.4 5660 4.2 4605 4.6
	CONTRASTING CLASSES												
HIGH LOW AVERAGE	1.0 0.0 242 0.6 1971	1.0 0.0 58 0.4 1970	2.0 0.0 538 1.4 1971	2.0 0.0 368 1.1 1970	3.0 0.0 134 2.3 1971	3.0 0.0 136 1.6 1970	9.7 0.0 178 4.2 1971	4.0 0.5 8 2.0 1970	9.0 0.1 44 2.1 1971	9.0 0.1 44 2.1 1970	4.0 0.5 8 2.0 1971	9.0 0.1 44 2.1 1970	9.7 0.0 1708 1.6 1218 1.7 947 1.7
	OTHER CLASSES												
	0.0 0.0 32 0.0 1971	0.0 0.0 10 0.0 1970	0.0 0.0 42 0.0 1971	0.0 0.0 14 0.0 1970	0.0 0.0 8 0.0 1971	0.0 0.0 6 0.0 1970	0.0 0.0 8 0.0 1971	0.0 0.0 16 0.0 1970	0.0 0.0 0 0.0 1971	0.0 0.0 0 0.0 1970	0.0 0.0 0 0.0 1971	0.0 0.0 0 0.0 1970	0.0 0.0 122 0.0 100 0.1 83 0.0
	* TEST WEIGHT IN POUNDS.												

* TEST WEIGHT IN POUNDS.

DURUM WHEAT MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	U. S. GRADE		NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 2 NUMBER						
6.5 - 9.0	6	2	4	6	6	2	0	0	0	0	30
9.1 - 10.0	216	2	84	20	20	8	6	20	0	4	370
10.1 - 10.5	284	24	138	22	22	28	6	24	0	8	534
10.6 - 11.0	436	58	168	90	90	44	16	36	4	8	860
11.1 - 11.5	582	78	228	126	126	38	56	36	6	24	1174
11.6 - 12.0	752	164	244	190	190	34	60	54	6	22	1526
12.1 - 12.5	540	240	146	218	218	14	54	32	8	24	1276
12.6 - 13.0	492	288	78	248	248	8	38	14	2	20	1188
13.1 - 13.5	272	262	52	146	146	2	32	22	4	10	802
13.6 - 14.0	64	74	8	38	38	0	8	2	4	4	202
14.1 - 14.5	20	30	4	22	22	0	6	0	0	0	82
14.6 - 15.0	2	6	0	0	0	0	2	0	0	2	12
15.1 - 16.0	0	4	0	0	0	0	2	0	0	0	6
6. AND OVER	0	0	2	0	0	2	0	0	0	0	4
NO INFORMATION	56	58	18	40	40	4	10	2	0	14	204
MEAN 1971	11.7	12.5	11.5	12.2	12.2	11.3	12.2	11.6	12.3	12.0	11.9
MEAN 1970	11.6	12.3	11.4	12.1	12.1	11.4	12.0	12.0	12.3	12.4	11.9
MEAN 1969	11.1	12.0	11.1	12.3	12.3	11.2	12.2	12.2	12.6	12.3	11.7

DURUM WHEAT TOTAL DAMAGE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	U. S. GRADE		NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 2 NUMBER						
.0	14	4	6	4		0	2	0	0	0	30
.1 - 1.0	1500	606	682	572	106	106	86	104	4	60	3722
.1 - 1.5	30	10	76	114		6	10	10	0	2	258
.6 - 2.0	6	2	52	122		4	6	2	0	2	196
2.1 - 2.5	0	0	18	56		0	16	2	0	0	92
2.6 - 3.0	0	0	10	22		2	24	0	0	0	58
3.1 - 3.5	0	0	4	14		0	22	0	0	0	40
3.6 - 4.0	0	0	2	14		8	24	4	0	2	54
4.1 - 4.5	0	0	0	0		4	18	0	0	0	22
4.6 - 5.0	0	0	0	0		2	32	6	0	0	40
5.1 - 6.0	0	0	0	0		2	10	6	0	0	18
6.1 - 7.0	0	0	0	0		0	12	16	0	2	30
7. - 8.0	0	0	0	0		0	0	14	0	0	14
8.1 - 10.0	0	0	0	0		0	0	20	6	2	28
10.1 - 12.5	0	0	0	0		0	0	0	14	4	18
12.6 - 15.0	0	0	0	0		0	0	0	10	0	10
15.1 - 25.0	0	0	0	0		0	0	0	0	16	16
25. AND OVER	0	0	0	0		0	0	0	0	14	14
NO INFORMATION	2182	678	324	248	50	34	58	0	0	36	3610
MEAN 1971	0.5	0.5	0.7	1.1	1.1	1.1	2.8	3.1	10.6	8.6	1.2
MEAN 1970	0.6	0.6	0.9	1.0	1.0	1.8	2.4	4.2	8.9	13.1	1.6
MEAN 1969	0.6	0.7	1.0	1.3	1.6	2.9	4.3	11.3	14.3	2.2	2.2

DURUM WHEAT FOREIGN MATERIAL
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		U. S. GRADE		NO. 3 HEAVY		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0.0 - 0.5	2	1546	4	614	804	72	198	116	24	0	0	0	0	0	20	4084
0.6 - 1.0	0	0	368	164	0	24	26	26	6	2	6	10	4	2	76	626
1.1 - 1.5	0	0	0	0	0	30	8	14	0	0	0	0	0	0	30	76
1.6 - 2.0	0	0	0	0	0	14	0	6	0	0	0	2	2	0	14	30
2.1 - 2.5	0	0	0	0	0	0	0	14	0	0	0	0	0	0	14	14
2.6 - 3.0	0	0	0	0	0	0	0	8	0	0	0	2	2	0	10	10
3.1 - 3.5	0	0	0	0	0	0	0	0	2	0	2	2	2	0	4	4
3.6 - 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.1 - 4.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.6 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.1 - 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.1 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.1 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.1 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	2174	674	188	198	44	36	58	34	0	0	0	0	0	0	3406	3406
MEAN 1971	0.3	0.3	0.5	0.4	0.8	0.5	0.8	0.5	0.6	0.5	0.6	0.5	0.5	0.4	0.4	0.4
MEAN 970	0.3	0.3	0.5	0.4	0.8	0.7	0.7	0.7	1.2	0.6	1.2	0.6	0.6	0.5	0.5	0.5
MEAN 1969	0.3	0.3	0.5	0.4	1.0	0.6	0.9	0.9	1.1	0.7	1.1	0.7	0.7	0.5	0.5	0.5

OURUM WHEAT SHRUNKEN AND BROKEN KERNELS
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	NO. 2 NUMBER	U. S. GRADE		NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
					NO. 2	NO. 2						
0.0	6	6	0	0	2	2	0	2	0	0	0	10
0.1 - 1.0	376	74	82	54	54	54	16	20	20	12	12	668
1.1 - 2.0	1050	446	392	360	360	360	68	112	90	12	54	2584
2.1 - 2.5	112	98	168	210	210	210	22	46	34	2	16	708
2.6 - 3.0	4	14	162	194	194	194	16	30	24	6	16	476
3.1 - 3.5	0	0	56	78	78	78	4	16	6	0	4	164
3.6 - 4.0	0	0	28	42	42	42	2	8	0	0	4	84
4.1 - 4.5	0	0	0	14	14	14	8	8	6	0	0	36
4.6 - 5.0	0	0	0	2	2	2	0	14	2	0	0	18
5.1 - 6.0	0	0	0	0	0	0	4	4	2	0	0	10
6.1 - 7.0	0	0	0	0	0	0	0	2	0	0	0	2
7.1 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0
8.1 - 9.0	0	0	0	0	0	0	0	0	2	0	0	2
9.1 - 11.0	0	0	0	0	0	0	0	0	0	0	0	0
11.1 - 12.0	0	0	0	0	0	0	0	0	0	2	0	2
12.1 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	2174	668	286	210	210	210	44	34	56	0	34	3506
MEAN 1971	1.4	1.6	2.1	2.3	2.3	2.3	2.1	2.3	2.1	2.1	1.9	1.9
MEAN 1970	1.5	1.6	2.3	2.5	2.5	2.5	2.3	2.7	2.3	2.2	2.1	2.2
MEAN 1969	1.5	1.5	2.4	2.2	2.2	2.2	2.2	2.3	2.0	1.7	1.9	2.1

DURUM WHEAT TOTAL DEFECTS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	U. S. GRADE		NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
			NO. 2 HEAVY NUMBER	NO. 2 NUMBER						
0.0	4	2	0	0	0	2	0	0	0	8
0.1 - 1.0	16	10	4	2	0	0	0	0	0	34
1.1 - 2.0	598	150	68	12	8	2	12	0	14	864
2.1 - 2.5	492	200	114	36	18	0	20	0	6	886
2.6 - 3.0	446	264	130	80	20	18	14	0	20	992
3.1 - 3.5	0	0	258	282	20	14	8	0	10	592
3.6 - 4.0	0	0	204	278	22	10	22	0	8	544
4.1 - 4.5	0	0	78	128	10	14	12	0	0	242
4.6 - 5.0	0	0	22	124	10	10	12	0	4	182
5.1 - 6.0	0	0	0	0	18	108	10	0	0	136
6.1 - 7.0	0	0	0	0	12	44	6	2	6	70
7.1 - 8.0	0	0	0	0	2	38	2	0	0	42
8.1 - 9.0	0	0	0	0	0	0	26	0	0	26
9.1 - 11.0	0	0	0	0	0	0	24	0	2	26
11.1 - 12.0	0	0	0	0	0	0	18	2	0	20
12.1 - 15.0	0	0	0	0	0	0	0	24	4	28
15.1 - 20.0	0	0	0	0	0	0	0	6	8	14
20.1 - 25.0	0	0	0	0	0	0	0	0	6	6
25. AND OVER	0	0	0	0	0	0	0	0	18	18
NO INFORMATION	2176	674	296	224	44	36	56	0	34	3540
MEAN 1971	2.2	2.4	3.2	3.7	3.9	5.6	6.0	13.3	11.3	3.4
MEAN 1970	2.4	2.5	3.6	3.8	4.6	5.8	6.9	12.2	15.8	4.2
MEAN 1969	2.4	2.6	3.7	3.9	4.6	5.8	7.1	14.0	17.0	4.6

HARD RED SPRING WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS

STATES	U. S. GRADES										SPECIAL GRADES				SUBCLASSES									
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		SAMPLE		TOTAL		TOUGH		WEEV-ILY		GAR-LICKY		DARK NORTH. SPRING		RED NORTH. SPRING	
	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	GRADE	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
IDAHO	108	52	52	48	24	24	28	8	4	0	0	508	4	0	0	0	0	0	0	0	444	36	28	
IOWA	28	28	20	104	0	0	24	0	0	0	0	204	0	0	0	0	0	0	0	0	200	4	0	
MINNESOTA	6508	1152	2304	1152	352	352	332	92	36	112	12040	720	8	0	10696	1332	12	0	0	0	10696	1332	12	
MONTANA	1080	464	204	276	84	176	44	8	52	2416	24	0	0	0	2344	68	4	0	0	0	2344	68	4	
NORTH DAKOTA	5384	680	764	288	52	116	44	12	16	7360	132	0	0	0	6404	948	8	0	0	0	6404	948	8	
OREGON	224	28	24	24	36	8	8	0	0	380	0	0	0	0	336	20	24	0	0	0	336	20	24	
SOUTH DAKOTA	1796	384	476	420	68	136	48	4	4	3528	4	0	0	0	2956	572	0	0	0	0	2956	572	0	
WASHINGTON	292	36	56	32	12	12	12	4	4	0	492	0	0	0	472	12	8	0	0	0	472	12	8	
WISCONSIN	4188	688	904	436	108	144	32	20	24	6544	376	0	0	0	5444	1076	24	0	0	0	5444	1076	24	
ALL STATES	19608	3512	4804	2780	736	976	280	88	208	33472	1260	8	0	0	29296	4068	108	0	0	0	29296	4068	108	
% 1971 CROP YEAR	59.4	10.6	14.6	8.4	2.2	3.0	0.8	0.3	0.6	100.0	3.8	0.0	0.0	0.0	87.5	12.2	0.3	0.0	0.0	0.0	87.5	12.2	0.3	
% 1970 CROP YEAR	45.8	18.8	9.0	18.0	1.3	4.9	1.1	0.3	0.8	100.0	3.3	0.1	0.0	0.0	95.3	4.7	0.0	0.0	0.0	0.0	95.3	4.7	0.0	
% 1969 CROP YEAR	54.0	16.3	12.3	11.3	1.0	3.3	1.0	0.2	0.5	100.0	1.2	0.0	0.0	0.0	95.3	4.7	0.0	0.0	0.0	0.0	95.3	4.7	0.0	

HARD RED SPRING WHEAT THE 1971 CROP HAD 70 PERCENT GRADING U. S. NO. 1 AS COMPARED TO 64 PERCENT FOR THE 1970 CROP. HOWEVER, THERE WAS 88 PERCENT DARK NORTHERN SPRING IN THE 1971 CROP AS COMPARED TO 95 PERCENT LAST YEAR. TEST WEIGHT WAS UP AND TOTAL DEFECTS AVERAGE LESS.

HARD RED SPRING WHEAT
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP AND 1970 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U. S. GRADE										SAMPLE GRADE		ALL GRADES	
	NO. 1 HEAVY		NO. 2 HEAVY		NO. 3 HEAVY		NO. 4		NO. 5		NO.	PCT.	NO.	PCT.
DOCKAGE	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO.	PCT.	NO.	PCT.
HIGH	8.7	8.2	13.2	11.7	7.2	10.2	8.2	5.2	6.2	6.2				
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
AVERAGE	13600	3024	3744	2556	608	868	232	72	164	164	24872	1.5	24872	1.5
1971	11628	4912	2380	4692	352	1304	280	84	216	216	25848	1.6	25848	1.6
1970	8625	2775	2094	2010	180	621	177	42	78	78	16602	1.7	16602	1.7
1969														
TEST WEIGHT *														
HIGH	65.0	59.9	64.4	59.8	63.5	59.8	64.0	61.8	63.0	63.0				
LOW	60.0	58.0	60.0	57.0	60.0	55.0	53.8	55.2	54.7	54.7				
AVERAGE	19608	3512	4804	2780	736	976	280	88	208	208	33188	60.8	33188	60.8
1971	13088	5356	2584	5148	368	1392	304	84	240	240	28564	60.0	28564	60.0
1970	10443	3144	2376	2193	201	645	195	42	102	102	19341	60.6	19341	60.6
1969														
MOISTURE														
HIGH	15.0	15.8	14.5	15.3	13.5	18.1	15.8	13.8	16.7	16.7				
LOW	7.8	8.4	7.5	7.8	8.8	8.8	9.4	9.3	9.2	9.2				
AVERAGE	18100	3024	4528	2452	596	784	228	76	168	168	30220	11.6	30220	11.6
1971	9980	5236	2096	5080	292	1356	268	72	212	212	24592	11.7	24592	11.7
1970	5270	2919	1899	1872	135	486	150	30	102	102	16863	11.4	16863	11.4
1969														
HEAT DAMAGE														
HIGH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
AVERAGE	2004	404	496	440	104	140	56	4	4	4	3844	0.0	3844	0.0
1971	152	396	104	1040	4	396	32	8	8	8	2140	0.0	2140	0.0
1970	381	297	132	348	6	84	12	3	3	3	1266	0.0	1266	0.0
1969														
TOTAL DAMAGE														
HIGH	2.0	2.0	3.8	4.0	5.2	7.0	10.0	13.5	35.0	35.0				
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
AVERAGE	6664	1220	2556	1904	448	672	192	72	96	96	14020	0.7	14020	0.7
1971	3388	1544	1820	3892	260	1136	236	76	176	176	12528	0.8	12528	0.8
1970	2634	1143	1407	1494	102	444	126	27	54	54	7431	0.7	7431	0.7
1969														
FOREIGN MATERIAL														
HIGH	0.5	0.5	1.0	1.0	2.0	2.0	3.0	4.8	6.5	6.5				
LOW	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.1				
AVERAGE	6868	1280	4324	2280	668	740	204	84	100	100	16748	0.5	16748	0.5
1971	3472	1564	2156	4208	220	1196	232	68	144	144	13260	0.4	13260	0.4
1970	2907	1197	1845	1683	138	447	129	30	60	60	8436	0.4	8436	0.4
1969														
SHRUNKEN & BROKEN														
HIGH	3.0	3.0	5.0	4.9	7.5	8.0	10.7	14.0	3.3	3.3				
LOW	0.0	0.0	0.0	0.0	0.3	0.0	0.5	0.8	0.4	0.4				
AVERAGE	7060	1304	3208	2148	544	804	220	84	100	100	15676	1.8	15676	1.8
1971	3508	1580	2076	4328	216	1212	236	64	144	144	13364	2.5	13364	2.5
1970	2925	1197	2040	1998	159	573	165	39	63	63	9159	2.2	9159	2.2
1969														
TOTAL DEFECTS														
HIGH	3.0	3.0	5.0	5.0	8.0	8.0	12.0	15.3	36.0	36.0				
LOW	0.0	0.0	0.0	0.0	1.6	1.2	1.2	5.0	1.8	1.8				
AVERAGE	6976	1280	2852	1984	524	708	192	80	100	100	14888	2.9	14888	2.9
1971	3508	1576	2180	4044	204	1184	228	64	144	144	12760	3.4	12760	3.4
1970	2922	1197	2040	1608	120	450	135	30	60	60	8085	3.0	8085	3.0
1969														
CONTRASTING CLASSES														
HIGH	1.0	1.0	2.0	2.0	3.0	3.0	7.8	0.0	3.0	3.0				
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
AVERAGE	1912	400	704	448	152	152	104	4	8	8	4076	0.2	4076	0.2
1971	196	428	256	1128	84	444	96	8	12	12	2652	0.4	2652	0.4
1970	459	312	255	387	45	105	72	3	6	6	1644	0.5	1644	0.5
1969														
OTHER CLASSES														
HIGH	0.0	0.0	5.0	3.0	10.0	6.0	0.0	0.0	0.0	0.0				
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
AVERAGE	1796	384	480	424	76	140	48	4	4	4	3548	0.0	3548	0.0
1971	156	408	108	1068	28	408	32	8	8	8	2224	0.1	2224	0.1
1970	378	294	135	354	24	81	12	3	3	3	1284	0.1	1284	0.1
1969														

* TEST WEIGHT IN POUNDS.

HARD RED SPRING WHEAT TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	NO. 2 NUMBER	U. S. GRADE		NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
					NO. 1	NO. 2						
65.0 - 68.0	4	0	0	0	0	0	0	0	0	0	0	4
62.0 - 64.9	6736	0	1288	0	0	176	0	0	60	0	24	8304
60.0 - 61.9	12868	0	3516	0	0	560	0	0	104	32	76	17252
59.0 - 59.9	0	2380	0	1112	0	0	264	16	20	20	28	3856
58.0 - 58.9	0	1132	0	860	0	0	216	32	12	12	48	2324
57.0 - 57.9	0	0	0	808	0	0	96	32	8	12	12	972
56.0 - 56.9	0	0	0	0	0	0	312	8	4	12	12	340
55.0 - 55.9	0	0	0	0	0	0	88	4	12	12	4	108
54.0 - 54.9	0	0	0	0	0	0	0	20	0	0	4	24
53.0 - 53.9	0	0	0	0	0	0	0	4	0	0	0	4
52.0 - 52.9	0	0	0	0	0	0	0	0	0	0	0	0
51.0 - 51.9	0	0	0	0	0	0	0	0	0	0	0	0
50.0 - 50.9	0	0	0	0	0	0	0	0	0	0	0	0
49.0 - 49.9	0	0	0	0	0	0	0	0	0	0	0	0
45.0 - 48.9	0	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	0	0	0	0	0	0	0	0	0	0	0	284
MEAN 1971	61.5	59.1	61.3	58.5	61.2	57.6	59.7	59.0	59.5	60.8		
MEAN 1970	61.3	59.0	60.9	58.4	61.1	57.2	58.3	57.6	58.6	60.0		
MEAN 1969	61.4	59.3	61.1	59.0	61.1	57.8	58.3	56.3	59.7	60.6		

HARD RED SPRING WHEAT MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	U. S. GRADE		NO. 3 HEAVY NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 NUMBER					
8.5 - 9.0	188	16	136	16	12	8	0	0	0	444
9.1 - 10.0	1740	116	692	112	72	40	20	4	16	2892
10.1 - 10.5	1928	124	580	164	72	44	20	4	12	2980
10.6 - 11.0	2832	216	772	228	132	80	56	8	16	4388
11.1 - 11.5	2812	308	668	260	84	92	36	16	12	4304
11.6 - 12.0	3092	576	612	352	96	132	40	16	32	4956
12.1 - 12.5	2252	456	488	332	64	80	20	12	24	3732
12.6 - 13.0	1956	548	308	344	44	104	8	8	16	3340
13.1 - 13.5	944	416	196	248	20	68	12	4	12	1924
13.6 - 14.0	240	136	36	184	0	48	12	4	8	668
14.1 - 14.5	92	76	40	112	0	36	0	0	4	360
14.6 - 15.0	24	24	0	84	0	32	0	0	12	176
15.1 - 16.0	0	2	0	16	0	8	4	0	0	40
16.1 AND OVER	0	0	0	0	0	12	0	0	4	16
NO INFORMATION	1508	488	276	328	140	192	52	12	40	3252
MEAN 1971	11.5	12.2	11.2	12.2	11.2	12.2	11.5	11.8	12.1	11.6
MEAN 1970	11.7	12.1	11.4	11.5	12.0	11.5	12.0	12.7	12.4	11.7
MEAN 1969	11.3	11.9	11.2	11.5	11.4	11.9	11.9	12.0	11.7	11.4

HARD RED SPRING WHEAT TOTAL DAMAGE
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	U. S. GRADE			NO. 3 HEAVY NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
		NO. 1 NUMBER	NO. 2 HEAVY NUMBER	NO. 2 NUMBER					
.0	584	200	260	108	64	40	4	0	1680
.1 - 1.0	5604	936	1788	1044	272	256	32	40	10272
1.1 - 1.5	68	76	124	104	12	16	0	4	404
.6 - 2.0	8	8	200	220	8	8	0	12	468
2.1 - 2.5	0	0	76	176	12	24	8	4	300
2.6 - 3.0	0	0	72	180	12	36	0	0	300
3.1 - 3.5	0	0	32	40	20	40	4	0	136
3.6 - 4.0	0	0	4	32	24	64	0	0	124
4.1 - 4.5	0	0	0	0	12	52	0	0	64
4.6 - 5.0	0	0	0	0	8	76	0	0	84
5.1 - 6.0	0	0	0	0	4	52	0	0	60
6.1 - 7.0	0	0	0	0	0	8	0	4	20
7.1 - 8.0	0	0	0	0	0	0	0	0	20
8.1 - 10.0	0	0	0	0	0	0	4	0	36
10.1 - 2.5	0	0	0	0	0	0	12	0	12
12.6 - 15.0	0	0	0	0	0	0	8	0	8
15.1 - 25.0	0	0	0	0	0	0	0	16	16
25.1 AND OVER	0	0	0	0	0	0	0	16	16
NO INFORMATION	12944	2292	2248	876	288	304	16	112	19452
MEAN 1971	0.3	0.4	0.7	1.1	1.1	2.5	4.6	9.3	0.7
MEAN 1970	0.4	0.4	0.6	0.4	2.4	0.7	7.3	11.8	0.8
MEAN 1969	0.4	0.4	0.6	0.8	0.8	1.1	2.6	8.5	0.7

HARD RED SPRING WHEAT FOREIGN MATERIAL
 PERCENTAGE CONTENT- FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY			U. S. GRADE			NO. 3 HEAVY			NO. 4			NO. 5			SAMPLE GRADE			ALL GRADES		
	NUMBER	NO. 1 HEAVY	NUMBER	NO. 2 HEAVY	NUMBER	NO. 2 HEAVY	NUMBER	NO. 2 HEAVY	NUMBER	NO. 3 HEAVY	NUMBER	NO. 3 HEAVY	NUMBER	NO. 4	NUMBER	NUMBER	NO. 5	NUMBER	NUMBER	NUMBER	NUMBER
0.0	312	0	60	16	1508	1468	8	0	0	0	0	0	0	0	0	0	0	0	0	396	0
0.1 - 0.5	6556	0	1220	1508	2800	804	0	132	104	44	0	0	0	52	16	72	16	72	11540	11540	72
0.6 - 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	8	16	8	16	4040	4040	16
1.1 - 1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	424	424	0
1.6 - 2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	176	176	0
2.1 - 2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	64	0	0	0	0	64	64	0
2.6 - 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	0	0	0	0	36	36	0
3.1 - 3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0	28	0	28	28	0
3.6 - 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	12	0	12	12	0
4.1 - 4.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0	4	4	0
4.6 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0	16	0	16	16	0
5.1 - 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	8	8	8	0
6.1 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	4	4	0
8.1 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.1 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	12740	0.3	2232	480	500	68	236	76	4	108	16724	16724	16724	16724	16724	16724	16724	16724	16724	16724	16724
MEAN 1971	0.3	0.3	0.3	0.6	0.5	1.2	0.6	1.6	2.9	1.1	0.5	0.5	0.5	1.6	2.9	1.1	2.9	1.1	0.5	0.5	0.5
MEAN 1970	0.3	0.3	0.3	0.5	0.4	0.9	0.6	1.1	1.4	0.7	0.4	0.4	0.4	1.1	1.4	0.7	1.4	0.7	0.4	0.4	0.4
MEAN 1969	0.3	0.3	0.3	0.5	0.5	1.1	0.7	1.1	2.7	0.9	0.4	0.4	0.4	1.1	2.7	0.9	2.7	0.9	0.4	0.4	0.4

HARD RED SPRING WHEAT SHRUNKEN AND BROKEN KERNELS
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	U. S. GRADE			NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
			NO. 2 HEAVY	NO. 2 NUMBER	NO. 2 NUMBER						
0.0	240	32	52	12	0	4	0	0	0	0	340
0.1 - 1.0	2160	260	364	424	52	172	52	20	20	44	3744
1.1 - 2.0	3788	692	884	624	228	212	92	32	32	32	6508
2.1 - 2.5	704	208	304	200	72	64	8	8	8	8	1576
2.6 - 3.0	168	112	684	276	32	72	16	12	12	0	1372
3.1 - 3.5	0	0	536	284	28	68	4	0	0	16	936
3.6 - 4.0	0	0	284	200	12	44	4	0	0	0	548
4.1 - 4.5	0	0	76	80	4	20	4	4	4	0	188
4.6 - 5.0	0	0	24	48	36	28	4	0	0	0	140
5.1 - 6.0	0	0	0	0	56	56	4	0	0	0	116
6.1 - 7.0	0	0	0	0	16	44	0	0	0	0	60
7.1 - 8.0	0	0	0	0	8	20	4	4	4	0	36
8.1 - 9.0	0	0	0	0	0	0	16	0	0	0	16
9.1 - 11.0	0	0	0	0	0	0	12	0	0	0	12
11.1 - 12.0	0	0	0	0	0	0	0	0	0	0	0
12.1 - 15.0	0	0	0	0	0	0	0	4	4	0	4
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0	0
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	12548	2208	1596	632	192	172	60	4	4	108	17796
MEAN 1971	1.3	1.6	2.4	2.2	2.7	2.7	2.9	2.7	2.7	1.6	1.8
MEAN 1970	1.6	1.5	2.8	3.0	2.8	3.7	3.4	2.4	2.4	2.2	2.5
MEAN 1969	1.5	1.4	2.7	2.8	3.2	3.4	3.9	4.5	4.5	2.0	2.2

HARD RED SPRING WHEAT TOTAL DEFECTS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	U. S. GRADE			NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
			NO. 2 HEAVY	NO. 2 NUMBER	NO. 3 NUMBER						
0.0	240	32	8	4	0	0	0	0	0	0	284
0.1 - 1.0	280	12	56	8	0	0	0	0	0	0	548
1.1 - 2.0	3460	396	168	96	20	8	16	0	0	4	4168
2.1 - 2.5	1656	336	264	96	20	28	12	0	0	12	2424
2.6 - 3.0	1340	504	264	136	40	40	0	0	0	0	2324
3.1 - 3.5	0	0	932	556	96	52	8	0	0	24	1668
3.6 - 4.0	0	0	684	572	64	68	24	0	0	4	1416
4.1 - 4.5	0	0	316	280	52	28	20	0	0	4	700
4.6 - 5.0	0	0	160	236	28	68	20	4	4	4	520
5.1 - 6.0	0	0	0	0	128	232	8	4	0	0	372
6.1 - 7.0	0	0	0	0	48	104	8	24	0	0	184
7.1 - 8.0	0	0	0	0	28	80	8	12	8	8	136
8.1 - 9.0	0	0	0	0	0	0	24	4	4	4	32
9.1 - 10.0	0	0	0	0	0	0	28	4	4	4	36
11.1 - 12.0	0	0	0	0	0	0	16	8	0	0	24
12.1 - 15.0	0	0	0	0	0	0	0	16	0	0	16
15.1 - 20.0	0	0	0	0	0	0	0	4	8	8	12
20.1 - 25.0	0	0	0	0	0	0	0	0	0	8	8
25.1 AND OVER	0	0	0	0	0	0	0	0	0	16	16
NO INFORMATION	12632	2232	1952	796	212	268	88	8	108	18584	
MEAN 1971	1.9	2.3	3.3	3.6	4.5	5.2	6.1	9.2	11.6	2.9	
MEAN 1970	2.3	2.2	3.7	3.8	4.7	4.9	7.3	10.1	11.2	3.4	
MEAN 1969	2.1	2.1	3.5	3.7	3.9	4.6	5.5	7.5	10.5	3.0	

HARD RED WINTER WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS

STATES	U. S. GRADES							SPECIAL GRADES				SUBCLASSES				
	NO. 1 HEAVY	NO. 2 HEAVY	NO. 2 HEAVY	NO. 3 HEAVY	NO. 3	NO. 4	NO. 5	SAMPLE GRADE	TOTAL	TOUGH	WEEV- ILY	GAR- LUCKY	DARK HARD WINTER	YELLOW HARD WINTER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER		
CALIFORNIA	2200	448	240	224	32	72	32	8	32	3288	24	8	0	2696	584	8
** IDAHO	376	296	128	128	64	88	40	24	0	1720	0	0	0	1024	600	96
ILLINOIS	488	600	8	48	0	8	0	0	0	1152	64	0	24	0	80	1072
KANSAS	22536	9424	2448	2360	144	152	72	16	40	37192	3720	0	16	4512	28640	4040
MISSOURI	2384	1304	480	520	64	64	16	8	32	4872	400	16	0	144	3400	1328
MONTANA	1248	440	152	272	32	48	8	0	24	2344	40	0	0	1920	384	40
NEBRASKA	2448	5048	952	3416	112	296	104	40	136	12552	720	16	0	552	9640	2360
NORTH DAKOTA	96	8	32	0	0	0	8	0	0	144	0	0	0	120	24	0
OKLAHOMA	2592	5528	520	3232	40	456	64	40	24	12496	1808	0	0	1568	9904	1024
OREGON	712	160	304	112	128	8	160	32	32	2032	0	0	0	544	1160	328
SOUTH DAKOTA	696	816	400	992	80	280	56	16	8	4872	32	0	0	3264	1504	104
TEXAS	1712	736	464	320	48	72	8	8	32	3400	64	0	0	2112	1240	48
UTAH	1704	1176	512	1112	144	480	200	160	120	5608	8	0	0	3104	2240	264
WASHINGTON	6384	280	288	96	184	40	144	56	72	8240	0	8	0	4688	3000	552
ALL STATES	45576	26264	6928	12832	1072	2064	912	408	552	99912	6880	48	40	26248	62400	11264
** 197 CROP YEAR	47.2	27.2	7.2	13.3	1.1	2.1	0.9	0.4	0.6	100.0	6.9	0.0	0.0	26.3	62.5	11.3
** 1970 CROP YEAR	40.7	31.7	8.6	14.7	1.1	2.0	0.6	0.2	0.4	100.0	8.2	0.1	0.0	27.8	51.0	21.2
** 1969 CROP YEAR	31.6	32.7	6.0	24.4	0.7	3.5	0.6	0.2	0.4	100.0	10.4	0.0	0.0	20.8	40.7	38.5
** COLORADO	445			109		17	2	0	1	574						

* 1969, 1970 AND 1971 COLORADO NOT INCLUDED

** INFORMATION NOT AVAILABLE ON SPECIAL GRADES AND SUBCLASSES

HARD RED WINTER THE 1971 CROP WAS OF BETTER QUALITY THAN 1970 WITH 95 PERCENT GRADING U. S. NO. 2 OR BETTER AS COMPARED TO 86 PERCENT IN 1970. THERE WAS ONLY 11 PERCENT IN THE SUBCLASS YELLOW HARD WINTER AS COMPARED TO 21 PERCENT LAST YEAR. TEST WEIGHT WAS HIGHER WITH OTHER FACTORS SHOWING LITTLE CHANGE.

HARD RED WINTER WHEAT
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP AND 1970 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U. S. GRADE														SAMPLE GRADE	ALL GRADES	
	NO. 1 HEAVY			NO. 2 HEAVY			NO. 3 HEAVY			NO. 4		NO. 5		NO.		PCT.	
	NO. PCT.	NO.	PCT.	NO. PCT.	NO.	PCT.	NO. PCT.	NO.	PCT.	NO. PCT.	NO.	PCT.					
DOCKAGE																	
HIGH	7.2	6.2	7.2	7.2	6.2	7.2	6.2	7.2	6.2	7.2	5.2	9.2	4.2	9.2			
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0			
AVERAGE	12280	0.8	11256	0.8	8376	0.9	664	0.9	1664	1.2	576	1.2	392	39664	0.9		
1971	10688	0.8	11632	0.9	9136	0.9	776	1.0	1432	1.4	376	1.3	232	39096	0.9		
1970	8200	0.8	10140	0.9	3360	0.9	490	1.0	2490	1.2	400	1.2	240	38370	0.9		
1969																	
TEST WEIGHT *																	
HIGH	66.0	61.9	64.8	61.9	64.8	61.9	64.3	61.9	61.9	61.9	64.0	63.6	63.5	66.0			
LOW	62.0	60.0	62.0	58.0	62.0	58.0	62.0	56.4	56.4	56.4	55.0	57.7	57.0	55.0			
AVERAGE	45576	62.9	26264	61.1	6928	62.7	12832	60.3	1072	62.7	2064	61.3	552	98136	62.0		
1971	36760	62.8	28568	61.1	7792	62.6	13296	60.4	1000	62.6	1808	60.2	352	90312	61.8		
1970	32590	63.0	33730	61.1	6180	62.7	25170	60.0	730	62.8	3660	59.0	390	103270	61.5		
1969																	
MOISTURE																	
HIGH	16.2	18.7	16.8	16.5	16.8	16.5	13.9	16.6	16.6	16.6	14.4	14.4	15.0	18.7			
LOW	7.8	7.5	8.0	7.9	8.0	7.9	8.0	7.1	7.1	7.1	8.8	9.4	7.9	6.7			
AVERAGE	35320	11.9	24248	12.6	5544	11.3	11400	12.0	520	11.3	1480	11.6	312	81008	12.0		
1971	32152	11.7	26112	12.5	6720	11.3	11936	12.0	440	11.2	1344	11.8	256	79400	12.0		
1970	26310	12.1	31520	12.6	4890	11.5	23710	12.1	340	11.5	3050	12.3	230	90440	12.3		
1969																	
HEAT DAMAGE																	
HIGH	0.0	0.1	0.0	0.0	0.0	0.0	0.5	0.3	0.3	0.3	0.9	0.0	0.0	0.9			
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
AVERAGE	1392	0.0	976	0.0	704	0.0	1088	0.0	208	0.0	232	0.1	40	6512	0.2		
1971	408	0.0	1160	0.0	128	0.0	1288	0.0	48	0.0	72	0.0	64	3592	0.0		
1970	330	0.0	1350	0.0	40	0.0	520	0.0	10	0.4	50	0.0	20	2460	0.0		
1969																	
TOTAL DAMAGE																	
HIGH	1.7	1.9	4.0	3.5	4.0	3.5	6.0	5.0	5.0	5.0	8.2	13.0	21.0	21.0			
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
AVERAGE	14000	0.4	8272	0.6	4216	0.5	424	1.1	736	0.9	352	1.0	216	33064	0.5		
1971	7760	0.4	11288	0.6	3560	0.7	6784	0.6	312	1.7	816	0.9	152	30984	0.6		
1970	6550	0.5	10150	0.6	2750	0.6	11530	0.6	220	2.3	1930	1.1	210	33670	0.6		
1969																	
FOREIGN MATERIAL																	
HIGH	0.5	0.5	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	3.0	5.0	10.0	10.0			
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.0			
AVERAGE	20808	0.2	13296	0.2	4560	0.4	8320	0.4	800	1.0	1752	1.1	416	52672	0.4		
1971	11992	0.2	14816	0.2	4560	0.3	8912	0.3	824	1.1	1456	1.0	272	43456	0.3		
1970	9420	0.2	16630	0.2	3690	0.3	16710	0.3	510	1.0	2880	0.6	310	50850	0.3		
1969																	
SHRUNKEN & BROKEN																	
HIGH	3.0	3.0	5.0	5.0	5.0	5.0	8.0	8.0	8.0	8.0	12.0	13.8	8.0	13.8			
LOW	0.0	0.0	0.3	0.0	0.3	0.0	0.4	0.2	0.4	0.4	0.4	0.4	0.6	0.0			
AVERAGE	40832	1.7	24304	1.8	6480	3.0	12032	2.8	920	2.6	1928	3.7	464	89704	2.0		
1971	31768	1.9	26752	1.8	7576	3.1	13032	2.8	928	3.3	504	3.3	344	82848	2.2		
1970	24180	1.6	30630	1.8	6050	3.2	24400	2.6	670	3.1	3540	3.0	370	90620	2.1		
1969																	
TOTAL DEFECTS																	
HIGH	3.0	3.0	5.0	5.0	5.0	5.0	7.9	8.0	7.9	8.0	11.5	17.5	31.1	31.1			
LOW	0.0	0.0	0.4	0.0	0.4	0.0	0.4	1.5	0.4	1.5	0.6	4.8	1.2	0.0			
AVERAGE	39768	1.9	23736	2.1	6416	3.5	11696	3.2	944	4.0	1848	4.9	496	87632	2.4		
1971	30480	2.1	25856	2.1	7272	3.6	12336	3.3	800	4.9	1552	4.7	336	79328	2.5		
1970	22510	1.9	29540	2.0	5800	3.7	23850	3.0	610	4.6	3410	4.0	350	86830	2.5		
1969																	
CONTRASTING CLASSES																	
HIGH	1.0	1.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	9.3	2.8	7.7	9.3			
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
AVERAGE	23728	0.0	10296	0.0	3272	0.2	3464	0.0	416	1.1	440	0.0	64	43616	0.1		
1971	25600	0.0	21568	0.0	5464	0.0	9864	0.0	328	0.3	1024	0.0	224	64496	0.0		
1970	8840	0.0	14850	0.0	3190	0.0	14260	0.0	130	1.0	1690	0.0	50	43190	0.0		
1969																	
OTHER CLASSES																	
HIGH	3.0	3.0	5.0	5.0	5.0	5.0	10.0	10.0	10.0	10.0	9.0	7.0	0.0	10.0			
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
AVERAGE	23248	0.0	10256	0.0	2904	0.1	3392	0.0	368	2.9	568	1.8	48	42504	0.1		
1971	26680	0.0	21824	0.0	5632	0.1	9952	0.0	472	2.4	1136	0.9	96	66296	0.1		
1970	8780	0.0	14990	0.0	3170	0.1	14570	0.1	180	4.8	1840	0.8	20	43720	0.1		
1969																	

* TEST WEIGHT IN POUNDS.

** 1969, 1970 AND 1971 COLORADO NOT INCLUDED

HARD RED WINTER WHEAT TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	U. S. GRADE		NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 2 NUMBER						
65.0 - 68.0	176	0	0	0	0	0	0	0	0	0	176
62.0 - 64.9	45400	0	6928	0	1072	0	0	400	144	200	54984
60.0 - 61.9	0	26264	0	7536	0	1448	1448	384	200	256	36568
59.0 - 59.9	0	0	0	4408	0	352	352	56	40	40	5024
58.0 - 58.9	0	0	0	888	0	104	104	40	16	40	1136
57.0 - 57.9	0	0	0	0	0	144	144	16	8	16	200
56.0 - 56.9	0	0	0	0	0	16	16	8	0	0	32
55.0 - 55.9	0	0	0	0	0	0	0	8	0	0	16
54.0 - 54.9	0	0	0	0	0	0	0	0	0	0	0
53.0 - 53.9	0	0	0	0	0	0	0	0	0	0	0
52.0 - 52.9	0	0	0	0	0	0	0	0	0	0	0
51.0 - 51.9	0	0	0	0	0	0	0	0	0	0	0
50.0 - 50.9	0	0	0	0	0	0	0	0	0	0	0
49.0 - 49.9	0	0	0	0	0	0	0	0	0	0	0
45.0 - 48.9	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	0	0	0	0	0	0	0	0	0	0	1776
MEAN 1971	62.9	61.1	62.7	60.3	62.7	60.3	60.3	61.4	61.3	61.2	62.0
MEAN 1970	62.8	61.1	62.6	60.4	62.6	60.4	60.2	61.1	61.4	61.3	61.8
MEAN 1969	63.0	61.1	62.7	60.0	62.8	60.0	59.0	60.7	61.2	60.7	61.5

HARD RED WINTER WHEAT MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	U. S. GRADE		NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 2 NUMBER						
6.5 - 9.0	696	144	112	144	144	24	72	8	0	24	2472
9.1 - 10.0	2552	304	768	568	568	72	128	40	24	8	4768
10.1 - 10.5	2192	624	648	792	792	64	144	40	8	16	4584
10.6 - 11.0	3264	1008	880	1000	1000	48	232	48	8	32	6536
11.1 - 11.5	4192	1624	728	1408	1408	96	120	32	24	56	8296
11.6 - 12.0	5624	3312	1024	2256	2256	72	224	56	32	64	12664
12.1 - 12.5	5736	4664	680	1824	1824	72	216	56	0	40	13288
12.6 - 13.0	5376	5280	464	1512	1512	32	168	56	16	24	12928
13.1 - 13.5	3408	3904	128	992	992	32	80	16	8	8	8592
13.6 - 14.0	1288	1952	72	496	496	8	48	32	8	0	3904
14.1 - 14.5	648	800	8	184	184	0	24	8	8	24	1704
14.6 - 15.0	264	352	8	120	120	0	16	0	0	16	776
15.1 - 16.0	72	240	8	88	88	0	0	0	0	0	408
16.1 AND OVER	8	40	16	16	16	0	8	0	0	0	88
NO INFORMATION	10256	2016	1384	1432	1432	552	584	520	272	240	18904
MEAN 1971	11.9	12.6	11.3	12.0	12.0	11.3	11.6	11.7	11.7	11.8	12.0
MEAN 1970	11.7	12.5	11.3	12.0	12.0	11.2	11.8	11.9	11.8	11.3	12.0
MEAN 1969	12.1	12.6	11.5	12.1	12.1	11.5	12.3	12.1	12.4	12.6	12.3

HARD RED WINTER WHEAT TOTAL DAMAGE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	U. S. GRADE		NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 2 NUMBER						
0.0	1280	648	504	2368	592	168	128	168	32	32	3552
0.1 - 1.0	12656	7568			3352	152	464	128	40	64	28320
1.1 - 1.5	48	48	136		80	8	24	0	0	8	352
1.6 - 2.0	16	8	128		104	16	16	8	8	0	304
2.1 - 2.5	0	0	32		40	0	8	0	0	0	80
2.6 - 3.0	0	0	48		32	8	16	16	0	8	128
3.1 - 3.5	0	0	0		16	8	24	0	0	0	48
3.6 - 4.0	0	0	8		0	0	32	0	8	32	80
4.1 - 4.5	0	0	0		0	16	8	0	0	0	24
4.6 - 5.0	0	0	0		0	16	16	0	0	0	32
5.1 - 6.0	0	0	0		0	32	0	0	0	8	40
6.1 - 7.0	0	0	0		0	0	0	8	0	16	24
7.1 - 8.0	0	0	0		0	0	0	16	0	24	40
8.1 - 10.0	0	0	0		0	0	0	8	0	0	8
10.1 - 12.5	0	0	0		0	0	0	0	0	0	0
12.6 - 15.0	0	0	0		0	0	0	0	8	0	8
15.1 - 25.0	0	0	0		0	0	0	0	0	24	24
25.1 AND OVER	0	0	0		0	0	0	0	0	0	0
NO INFORMATION	31576	17992	3704		8616	648	1328	560	312	336	66848
MEAN, 1971	0.4	0.4	0.6		0.5	1.1	0.9	1.0	1.7	4.6	0.5
MEAN, 1970	0.4	0.4	0.7		0.6	1.7	0.9	3.9	8.8	3.9	0.6
MEAN, 1969	0.5	0.4	0.6		0.6	2.3	1.1	2.3	4.5	8.8	0.6

HARD RED WINTER WHEAT FOREIGN MATERIAL
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	U. S. GRADE		NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 2 NUMBER						
0.0	320	112	40	56	16	0	8	0	0	0	552
0.1 - 0.5	20488	13184	3456	6336	328	624	232	8	8	136	44792
0.6 - 1.0	0	0	1064	1928	24	152	32	0	0	0	4728
1.1 - 1.5	0	0	0	0	232	504	16	0	0	0	752
1.6 - 2.0	0	0	0	0	200	472	16	0	0	0	688
2.1 - 2.5	0	0	0	0	0	0	208	0	0	8	216
2.6 - 3.0	0	0	0	0	0	0	296	0	0	0	296
3.1 - 3.5	0	0	0	0	0	0	0	48	0	0	48
3.6 - 4.0	0	0	0	0	0	0	0	136	0	0	136
4.1 - 4.5	0	0	0	0	0	0	0	24	0	0	24
4.6 - 5.0	0	0	0	0	0	0	0	168	0	0	168
5.1 - 6.0	0	0	0	0	0	0	0	0	112	112	112
6.1 - 8.0	0	0	0	0	0	0	0	0	104	104	104
8.1 - 10.0	0	0	0	0	0	0	0	0	56	56	56
10.1 - 15.0	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	24768	12968	2368	4512	272	312	104	24	24	136	47240
MEAN 1971	0.2	0.2	0.4	0.4	1.0	1.1	1.8	4.2	4.6	0.4	0.4
MEAN 1970	0.2	0.2	0.3	0.3	1.1	1.0	1.7	3.5	4.0	0.3	0.3
MEAN 1969	0.2	0.2	0.3	0.3	1.0	0.6	1.6	3.4	2.7	0.3	0.3

HARD RED WINTER WHEAT SHRUNKEN AND BROKEN KERNELS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	U. S. GRADE			NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
			NO. 2 HEAVY NUMBER	NO. 2 NUMBER	NO. 2 NUMBER						
0.0	136	72	0	32	0	0	0	0	0	0	240
0.1 - 1.0	6808	2248	264	488	160	48	120	40	40	40	11744
1.1 - 2.0	22440	3304	872	2664	312	304	232	104	104	192	40424
2.1 - 2.5	7752	5888	416	1656	96	240	128	24	24	64	16264
2.6 - 3.0	3696	2792	1376	1960	88	288	128	40	40	64	10432
3.1 - 3.5	0	0	2096	2440	48	136	40	32	32	40	4832
3.6 - 4.0	0	0	928	1800	32	144	16	40	40	32	2992
4.1 - 4.5	0	0	400	680	16	112	16	16	16	8	1256
4.6 - 5.0	0	0	128	312	40	176	24	48	48	0	728
5.1 - 6.0	0	0	0	0	80	344	16	24	24	8	472
6.1 - 7.0	0	0	0	0	24	96	16	0	0	0	136
7.1 - 8.0	0	0	0	0	24	40	8	0	0	16	88
8.1 - 9.0	0	0	0	0	0	0	24	0	0	0	24
9.1 - 11.0	0	0	0	0	0	0	48	0	0	0	48
11.1 - 12.0	0	0	0	0	0	0	8	0	0	0	8
12.1 - 15.0	0	0	0	0	0	0	0	16	16	0	16
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0	0
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	4744	1960	448	800	152	136	88	24	24	88	10208
MEAN 1971	1.7	1.8	3.0	2.8	2.6	3.7	3.0	3.3	3.3	2.4	2.0
MEAN 1970	1.9	1.8	3.1	2.8	3.3	3.5	3.3	2.8	2.8	2.9	2.2
MEAN 1969	1.6	1.8	3.2	2.6	3.1	3.0	3.4	3.0	3.0	2.7	2.1

HARD RED WINTER WHEAT TOTAL DEFECTS
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
 ALL INSPECTIONS
 ALL STATES

54

PERCENT	NO. 1 HEAVY			U. S. GRADE			NO. 3 HEAVY			NO. 4			NO. 5			SAMPLE GRADE			ALL GRADES		
	NUMBER	NO. 1 NUMBER	NO. 2 NUMBER	NO. 2 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 3 NUMBER	NO. 3 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 4 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	NO. 5 NUMBER	NO. 5 NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0.0	136	72	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	232	0	232
0.1 - 1.0	3224	1040	96	216	48	0	0	0	0	0	0	0	0	0	0	0	0	0	6192	0	6192
1.1 - 2.0	20120	10240	368	1368	152	16	16	16	16	120	120	120	0	0	0	32	32	32	32416	32	32416
2.1 - 2.5	8992	6344	240	1528	80	64	64	64	64	32	32	32	0	0	0	32	32	32	17312	32	17312
2.6 - 3.0	7296	6040	272	1328	40	88	88	88	88	8	8	8	0	0	0	16	16	16	15088	16	15088
3.1 - 3.5	0	0	2560	2584	72	176	176	176	176	48	48	48	0	0	0	8	8	8	5448	8	5448
3.6 - 4.0	0	0	1712	2528	112	240	240	240	240	32	32	32	0	0	0	16	16	16	4640	16	4640
4.1 - 4.5	0	0	768	1176	48	160	160	160	160	64	64	64	0	0	0	16	16	16	2232	16	2232
4.6 - 5.0	0	0	400	944	48	176	176	176	176	120	120	120	24	24	24	16	16	16	1728	16	1728
5.1 - 6.0	0	0	0	0	208	568	568	568	568	136	136	136	56	56	56	24	24	24	992	24	992
6.1 - 7.0	0	0	0	0	88	264	264	264	264	40	40	40	88	88	88	48	48	48	560	48	560
7.1 - 8.0	0	0	0	0	48	96	96	96	96	48	48	48	40	40	40	56	56	56	320	56	320
8.1 - 9.0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	8	8	8	144	8	144
9.1 - 11.0	0	0	0	0	0	0	0	0	0	0	0	0	64	64	64	104	104	104	216	104	216
11.1 - 12.0	0	0	0	0	0	0	0	0	0	16	16	16	0	0	0	16	16	16	32	16	32
12.1 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	8	32	32	32	40	32	40
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	8	8	8	8	16	8	16
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	16	16	16	16
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	8	8	8	8
NO INFORMATION	5808	2528	512	1136	128	216	216	216	216	104	104	104	16	16	16	56	56	56	12280	56	12280
MEAN 1971	1.9	2.1	3.5	3.2	4.0	4.9	4.9	4.9	4.9	4.8	4.8	4.8	7.8	7.8	7.8	8.2	8.2	8.2	2.4	8.2	2.4
MEAN 1970	2.1	2.1	3.6	3.3	4.9	4.7	4.7	4.7	4.7	6.3	6.3	6.3	9.1	9.1	9.1	7.8	7.8	7.8	2.5	7.8	2.5
MEAN 1969	1.9	2.0	3.7	3.0	4.6	4.0	4.0	4.0	4.0	5.7	5.7	5.7	7.9	7.9	7.9	10.3	10.3	10.3	2.5	10.3	2.5

SOFT RED WINTER WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS

STATES	U. S. GRADES										SPECIAL GRADES			
	NO. 1 HEAVY	NO. 2 HEAVY	NO. 2	NO. 3	NO. 3 HEAVY	NO. 3	NO. 4	NO. 5	SAMPLE GRADE	TOTAL	TOUGH	WEEV- ILY	GAR- LICKY	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
ARKANSAS	0	0	0	3	0	3	0	0	3	9	0	0	0	
CALIFORNIA	360	789	45	423	24	204	36	18	12	1911	6	0	0	
ILLINOIS	963	2139	6	636	3	270	117	36	27	4200	489	3	930	
INDIANA	96	219	0	81	0	0	0	0	3	399	90	3	48	
KENTUCKY	117	537	3	240	0	18	18	6	0	939	333	0	507	
MARYLAND	0	3	0	99	0	255	54	12	9	432	297	9	153	
MICHIGAN	39	159	0	39	0	0	0	3	0	240	45	0	0	
MISSOURI	12	75	0	114	0	90	27	6	0	339	165	0	27	
NEW YORK	84	384	0	129	0	12	0	0	3	612	234	6	0	
OHIO	1230	3501	6	1071	3	132	18	12	21	6009	2817	6	171	
PENNSYLVANIA	3	72	0	186	0	357	165	51	48	882	360	24	222	
SOUTH CAROLINA	3	54	0	147	0	213	132	75	21	648	231	18	15	
VIRGINIA	3	18	0	561	0	1956	897	312	54	3825	2139	45	1425	
ALL STATES	2910	7950	60	3729	30	3510	1464	531	201	20445	7206	114	3498	
% 1971 CROP YEAR	14.3	39.0	0.3	18.3	0.1	17.2	7.2	2.6	1.0	100.0	35.2	0.6	17.1	
% 1970 CROP YEAR	10.1	31.2	0.1	32.1	0.0	17.3	6.4	1.9	0.9	100.0	34.2	0.4	12.7	
% 1969 CROP YEAR	2.7	24.7	0.1	36.7	0.0	25.2	7.4	1.5	1.6	100.0	45.9	0.8	15.2	

SOFT RED WINTER WHEAT THE 1971 CROP WAS OF SLIGHTLY HIGHER QUALITY WITH 53 PERCENT GRADING U. S. NO. 1 COMPARED TO 41 PERCENT OF THE 1970 CROP. THE 1971 CROP HAS 19 PERCENT GRADING U. S. NO. 2 AS COMPARED TO 32 PERCENT LAST YEAR. TEST WEIGHT WAS UP AND TOTAL DEFECTS WERE DOWN.

SOFT RED WINTER WHEAT
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP AND 1970 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U. S. GRADE										SAMPLE GRADE		ALL GRADES	
	NO. 1 HEAVY		NO. 2 HEAVY		NO. 3 HEAVY		NO. 4		NO. 5		NO.	PCT.	NO.	PCT.
	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.				
DOCKAGE														
HIGH	3.2	8.7	2.2	7.2	1.7	61.8	62.0	9.2	6.7	7.2		7.2		9.2
LOW	0.7	0.7	0.7	0.7	0.7	58.0	56.0	0.3	0.7	0.7		0.7		0.3
AVERAGE	627 0.9	2631 0.9	39 1.2	2283 1.1	21 0.9	2823 1.2	1281 1.2	1281 1.3	501 1.7	168 1.7	10413	1.1	20421	59.4
	267 0.9	1842 0.9	9 5.2	2514 1.1	3 0.7	2106 1.1	1017 1.3	1017 1.3	327 1.3	132 2.5	8217	1.1	21168	59.1
	280 0.9	2148 1.0	32 1.5	3576 1.1	0 0.0	3132 1.2	1324 1.2	1324 1.2	280 1.2	220 1.9	10992	1.1	27672	58.6
TEST WEIGHT *														
HIGH	67.2	61.9	62.7	61.9	62.8	61.8	62.0	62.0	61.1	62.6		62.6		67.2
LOW	62.0	60.0	62.0	58.0	62.1	56.0	54.0	54.0	51.0	46.4		46.4		45.7
AVERAGE	2910 62.4	7544 60.9	60 62.2	3726 59.0	30 62.5	3510 56.9	1464 55.1	1464 55.1	531 53.0	201 54.0	20421	54.0	20421	59.4
	2139 62.4	6618 60.8	12 62.5	6795 58.9	3 62.5	3663 57.0	1347 55.1	1347 55.1	399 53.5	192 55.5	21168	55.5	21168	59.1
	756 63.2	6840 60.7	40 62.5	10148 58.9	0 0.0	6984 57.0	2044 55.2	2044 55.2	416 53.8	444 55.5	27672	55.5	27672	58.6
MOISTURE														
HIGH	16.0	17.1	13.9	19.0	14.3	19.0	20.0	20.0	21.3	18.5		18.5		21.3
LOW	10.0	9.3	12.0	10.0	12.4	8.9	9.6	9.6	10.0	9.5		9.5		8.9
AVERAGE	2553 12.7	7158 13.1	15 12.6	3306 13.7	6 13.3	3306 13.9	1428 14.0	1428 14.0	522 14.0	189 14.2	18537	13.4	18537	13.4
	1995 13.1	5133 13.4	3 12.4	5880 13.6	0 0.0	3363 13.6	1263 13.8	1263 13.8	375 14.0	156 14.6	18168	13.5	18168	13.5
	144 13.0	5148 13.5	0 0.0	9444 13.7	0 0.0	6820 13.9	1996 14.2	1996 14.2	396 14.7	408 13.9	24356	13.8	24356	13.8
HEAT DAMAGE														
HIGH	0.0	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	2.3		2.3		2.3
LOW	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0		0.0
AVERAGE	0 0.0	6 0.1	3 0.2	12 0.1	0 0.0	3 0.0	3 0.0	3 0.0	0 0.0	9 0.8	36	0.4	36	0.4
	0 0.0	3 0.1	3 0.2	3 0.2	0 0.0	3 0.5	0 0.0	0 0.0	0 0.0	3 3.5	15	0.9	15	0.9
	0 0.0	0 0.0	0 0.0	12 0.1	0 0.0	4 0.4	4 0.7	4 0.7	0 0.0	12 0.1	32	0.2	32	0.2
TOTAL DAMAGE														
HIGH	1.3	2.0	1.0	4.0	0.0	6.2	10.0	10.0	14.5	84.2		84.2		84.2
LOW	0.1	0.1	0.8	0.1	0.0	0.1	0.1	0.1	0.1	0.1		0.1		0.1
AVERAGE	135 0.6	1599 1.0	6 0.9	1848 1.1	0 0.0	2589 0.9	1188 1.3	1188 1.3	453 1.4	165 8.9	8028	1.3	8028	1.3
	324 1.0	1050 1.2	3 2.0	1884 1.2	0 0.0	2025 1.3	1092 1.5	1092 1.5	342 2.9	120 12.6	6840	1.6	6840	1.6
	12 0.6	1124 1.3	0 0.0	4564 1.4	0 0.0	3880 1.4	1512 2.1	1512 2.1	344 6.4	348 20.2	11784	2.2	11784	2.2
FOREIGN MATERIAL														
HIGH	0.5	0.5	1.0	1.0	0.0	2.0	3.0	3.0	5.0	15.0		15.0		15.0
LOW	0.1	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1		0.1		0.0
AVERAGE	63 0.2	570 0.2	15 0.8	1437 0.3	0 0.0	2514 0.4	1164 0.4	1164 0.4	465 0.7	144 2.2	6402	0.4	6402	0.4
	33 0.2	357 0.2	0 0.0	1614 0.3	0 0.0	1881 0.3	1065 0.4	1065 0.4	330 0.5	102 2.0	5382	0.4	5382	0.4
	20 0.2	436 0.2	16 0.6	2372 0.3	0 0.0	2820 0.3	1268 0.4	1268 0.4	296 0.7	244 1.2	7472	0.3	7472	0.3
SHRUNKEN & BROKEN														
HIGH	2.3	2.0	4.0	4.7	0.0	5.7	10.0	10.0	9.0	3.3		3.3		10.0
LOW	0.2	0.1	2.5	0.1	0.0	0.1	0.1	0.1	0.2	0.2		0.2		0.1
AVERAGE	63 0.6	477 0.6	9 3.4	1251 0.6	0 0.0	2466 0.7	1149 0.9	1149 0.9	450 1.2	144 1.1	6036	0.8	6036	0.8
	24 0.7	267 0.6	0 0.0	1365 0.8	0 0.0	1773 0.9	1026 1.3	1026 1.3	312 1.7	96 1.2	4863	1.0	4863	1.0
	8 0.5	444 0.6	32 3.9	2316 0.7	0 0.0	2992 0.7	1424 0.8	1424 0.8	312 0.8	260 0.6	7788	0.7	7788	0.7
TOTAL DEFECTS														
HIGH	3.0	3.0	4.7	4.9	0.0	7.3	11.9	11.9	16.1	85.8		85.8		85.8
LOW	0.5	0.1	3.5	0.3	0.0	0.4	0.3	0.3	0.6	1.2		1.2		0.1
AVERAGE	63 1.0	483 1.7	9 4.0	1251 1.8	0 0.0	2463 1.9	1146 2.5	1146 2.5	444 3.1	141 11.5	6027	2.3	6027	2.3
	24 1.3	267 1.4	0 0.0	1386 1.8	0 0.0	1764 2.3	1032 3.0	1032 3.0	315 4.8	96 14.8	4884	2.7	4884	2.7
	8 1.1	408 1.6	24 4.2	2316 1.8	0 0.0	3008 1.9	1416 3.0	1416 3.0	312 7.4	272 24.8	7764	3.1	7764	3.1
CONTRASTING CLASSES														
HIGH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0		1.4
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0		0.0
AVERAGE	0 0.0	0 0.0	0 0.0	3 0.0	0 0.0	3 0.0	0 0.0	0 0.0	0 0.0	3 0.0	12	0.3	12	0.3
	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0	0.0	0	0.0
	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0	0.0	0	0.0
OTHER CLASSES														
HIGH	3.0	1.5	5.0	5.0	10.0	10.0	7.9	7.9	0.0	0.0		0.0		10.0
LOW	2.0	1.5	3.3	3.3	5.3	5.3	7.9	7.9	0.0	0.0		0.0		0.0
AVERAGE	9 2.3	3 1.5	30 4.4	114 3.9	30 8.0	87 7.3	3 7.9	3 7.9	0 0.0	3 0.0	279	5.4	279	5.4
	0 0.0	42 0.0	0 0.0	477 0.6	3 6.2	441 0.7	27 0.9	27 0.9	6 0.0	3 10.0	999	0.7	999	0.7
	0 0.0	36 1.9	0 0.0	56 2.7	0 0.0	28 6.6	0 0.0	0 0.0	0 0.0	8 5.0	128	3.5	128	3.5

* TEST WEIGHT IN POUNDS.

SOFT RED WINTER WHEAT TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	NO. 1 HEAVY		NO. 1		NO. 2 HEAVY		U. S. GRADE		NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
65.0 - 68.0	9		0		0		0		0		0		0		0		0		9	
62.0 - 64.9	2901		0		60		0		30		0		3		0		6		3003	
60.0 - 61.9	0	7944			0		237		0		75		6		9		9		8286	
59.0 - 59.9	0		0		0		1851		0		42		0		6		12		1911	
58.0 - 58.9	0		0		0		1638		0		24		6		9		24		1704	
57.0 - 57.9	0		0		0		0		0		1611		18		6		24		1662	
56.0 - 56.9	0		0		0		0		0		1758		30		9		6		1815	
55.0 - 55.9	0		0		0		0		0		0		846		6		15		870	
54.0 - 54.9	0		0		0		0		0		0		555		3		6		564	
53.0 - 53.9	0		0		0		0		0		0		0		213		9		225	
52.0 - 52.9	0		0		0		0		0		0		0		147		0		147	
51.0 - 51.9	0		0		0		0		0		0		0		123		3		126	
50.0 - 50.9	0		0		0		0		0		0		0		0		51		57	
49.0 - 49.9	0		0		0		0		0		0		0		0		15		18	
45.0 - 48.9	0		0		0		0		0		0		0		0		21		24	
NO INFORMATION	0		6		0		3		0		0		0		0		0		24	
MEAN 1971	62.4		60.9		62.2		59.0		62.5		56.9		55.1		53.0		54.0		59.4	
MEAN 1970	62.4		60.8		62.5		58.9		62.5		57.0		55.1		53.5		55.5		59.1	
MEAN 1969	63.2		60.7		62.5		58.9		0.0		57.0		55.2		53.8		55.5		58.6	

SOFT RED WINTER WHEAT MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	U. S. GRADE		NO. 2 HEAVY NUMBER	NO. 2 NUMBER	NO. 3 HEAVY		NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
			NO. 2	NO. 3			NO. 2	NO. 3					
6.5 - 9.0	0	0	0	0	0	0	0	0	6	0	0	0	6
9.1 - 10.0	3	6	0	0	3	3	0	0	3	6	3	6	30
10.1 - 10.5	6	27	0	0	6	6	0	0	6	9	6	0	60
10.6 - 11.0	99	144	0	0	36	36	0	0	24	6	0	0	309
11.1 - 11.5	240	327	0	0	66	66	0	0	57	18	3	3	714
11.6 - 12.0	381	594	3	3	153	153	0	0	105	57	30	9	1341
12.1 - 12.5	327	804	6	6	258	258	3	3	264	102	21	6	1791
12.6 - 13.0	495	1284	3	3	378	378	0	0	462	183	72	12	2898
13.1 - 13.5	672	1764	0	0	714	714	0	0	624	264	105	36	4182
13.6 - 14.0	177	1173	3	3	663	663	0	0	450	201	96	27	2799
14.1 - 14.5	93	708	0	0	453	453	3	3	474	192	33	27	1992
14.6 - 15.0	42	213	0	0	318	318	0	0	330	120	45	12	1083
15.1 - 16.0	18	99	0	0	216	216	0	0	315	168	66	21	912
16.1 AND OVER	0	15	0	0	42	42	0	0	186	102	42	30	420
NO INFORMATION	357	792	45	45	423	423	24	24	204	36	9	12	1908
MEAN 1971	12.7	13.1	12.6	12.6	13.7	13.7	13.3	13.3	13.9	14.0	14.0	14.2	13.4
MEAN 1970	13.1	13.4	12.4	12.4	13.6	13.6	0.0	0.0	13.6	13.8	14.0	14.6	13.5
MEAN 1969	13.0	13.5	0.0	0.0	13.7	13.7	0.0	0.0	13.9	14.2	14.7	13.9	13.8

SOFT RED WINTER WHEAT TOTAL DAMAGE
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY	U. S. GRADE			NO. 3 HEAVY	NO. 3			NO. 4	NO. 5	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
		NO. 1	NO. 2	NO. 3		NUMBER	NUMBER	NUMBER				
0.0	0	0	0	0	0	0	0	0	0	0	0	0
1.0	117	840	936	0	1836	738	264	4815				
1.1	18	573	438	0	345	186	78	1668				
1.6	0	186	402	0	282	162	72	1134				
2.1	0	0	27	0	48	15	9	105				
2.6	0	0	27	0	18	12	3	60				
3.1	0	0	3	0	18	9	3	33				
3.6	0	0	15	0	21	15	3	66				
4.1	0	0	0	0	6	6	0	12				
4.6	0	0	0	0	6	3	6	15				
5.1	0	0	0	0	6	6	0	12				
6.1	0	0	0	0	3	12	0	18				
7.1	0	0	0	0	0	9	6	18				
8.1	0	0	0	0	0	15	0	15				
10.1	0	0	0	0	0	0	0	3				
12.6	0	0	0	0	0	0	9	18				
15.1	0	0	0	0	0	0	18	21				
25.1 AND OVER	0	0	0	0	0	0	0	15				
NO INFORMATION	2775	6351	1881	30	921	276	78	12417				
MEAN 1971	0.6	1.0	1.1	0.0	0.9	1.3	1.4	8.9				
MEAN 1970	1.0	1.2	1.2	0.0	1.3	1.5	2.9	12.6				
MEAN 1969	0.6	1.3	1.4	0.0	1.4	2.1	6.4	20.2				

SOFT RED WINTER WHEAT FOREIGN MATERIAL
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	U. S. GRADE		NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 2 NUMBER						
0.0	0	9	0	0	75	0	135	60	12	0	291
0.1 - 0.5	63	561	0	1122	0	0	2178	933	366	102	5349
0.6 - 1.0	0	0	15	240	0	0	102	102	24	12	495
1.1 - 1.5	0	0	0	0	0	0	51	15	9	0	75
1.6 - 2.0	0	0	0	0	0	0	48	12	9	0	69
2.1 - 2.5	0	0	0	0	0	0	0	21	3	0	24
2.6 - 3.0	0	0	0	0	0	0	0	21	0	0	27
3.1 - 3.5	0	0	0	0	0	0	0	0	6	0	6
3.6 - 4.0	0	0	0	0	0	0	0	0	9	0	9
4.1 - 4.5	0	0	0	0	0	0	0	0	12	0	12
4.6 - 5.0	0	0	0	0	0	0	0	0	15	0	15
5.1 - 6.0	0	0	0	0	0	0	0	0	0	9	9
6.1 - 8.0	0	0	0	0	0	0	0	0	0	3	3
8.1 - 10.0	0	0	0	0	0	0	0	0	0	9	9
10.1 - 15.0	0	0	0	0	0	0	0	0	0	9	9
NO INFORMATION	2847	7380	45	2292	30	996	300	66	57	14043	
MEAN 1971	0.2	0.2	0.8	0.3	0.0	0.3	0.4	0.7	2.2	0.4	
MEAN 1970	0.2	0.2	0.0	0.3	0.0	0.3	0.4	0.5	2.0	0.4	
MEAN 1969	0.2	0.2	0.6	0.3	0.0	0.3	0.4	0.7	1.2	0.3	

SOFT RED WINTER WHEAT SHRUNKEN AND BROKEN KERNELS
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	U. S. GRADE		NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
			NO. 2 NUMBER	NO. 2 NUMBER						
0.0	0	0	0	0	0	0	0	0	0	0
0.1 - 1.0	60	474	1194	0	0	2226	843	228	93	5127
1.1 - 2.0	0	3	45	0	0	231	291	189	33	804
2.1 - 2.5	3	0	0	3	0	0	6	24	12	51
2.6 - 3.0	0	0	0	3	0	0	3	3	0	9
3.1 - 3.5	0	0	0	3	0	0	0	0	6	9
3.6 - 4.0	0	0	0	6	0	0	0	0	0	9
4.1 - 4.5	0	0	0	3	0	0	0	0	0	3
4.6 - 5.0	0	0	0	3	0	0	0	0	0	3
5.1 - 6.0	0	0	0	0	0	9	0	3	0	12
6.1 - 7.0	0	0	0	0	0	0	0	0	0	0
7.1 - 8.0	0	0	0	0	0	0	3	0	0	3
8.1 - 9.0	0	0	0	0	0	0	0	3	0	3
9.1 - 11.0	0	0	0	0	0	0	3	0	0	3
11.1 - 12.0	0	0	0	0	0	0	0	0	0	0
12.1 - 15.0	0	0	0	0	0	0	0	0	0	0
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	2847	7473	2478	51	30	1044	315	81	57	14409
MEAN 1971	0.6	0.6	0.6	3.4	0.0	0.7	0.9	1.2	1.1	0.8
MEAN 1970	0.7	0.6	0.8	0.0	0.0	0.9	1.3	1.7	1.2	1.0
MEAN 1969	0.5	0.6	0.7	3.9	0.0	0.7	0.8	0.8	0.6	0.7

SOFT RED WINTER WHEAT TOTAL DEFECTS
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
 ALL INSPECTIONS
 ALL STATES

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PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		U. S. GRADE NO. 2		NO. 3 HEAVY		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NO. 1 HEAVY	NUMBER	NO. 2 HEAVY	NUMBER	NO. 2	NUMBER	NO. 3	NUMBER	NO. 4	NUMBER	NO. 5	NUMBER	SAMPLE GRADE	NUMBER	ALL GRADES
0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.1 - 1.0	51	138	0	0	255	0	420	159	57	1080	0	0	0	0	0	1080
1.1 - 2.0	9	165	0	0	486	0	1059	348	81	2166	0	0	0	0	0	2166
2.1 - 2.5	0	102	0	0	219	0	465	210	72	1089	0	0	0	0	0	1089
2.6 - 3.0	3	78	0	0	228	0	351	225	102	1005	0	0	0	0	0	1005
3.1 - 3.5	0	0	3	3	27	0	69	66	45	219	0	0	0	0	0	219
3.6 - 4.0	0	0	3	3	24	0	33	36	12	111	0	0	0	0	0	111
4.1 - 4.5	0	0	0	0	3	0	12	21	18	57	0	0	0	0	0	57
4.6 - 5.0	0	0	3	3	9	0	24	30	24	105	0	0	0	0	0	105
5.1 - 6.0	0	0	0	0	0	0	12	6	3	36	0	0	0	0	0	36
6.1 - 7.0	0	0	0	0	0	0	15	6	3	27	0	0	0	0	0	27
7.1 - 8.0	0	0	0	0	0	0	3	3	9	24	0	0	0	0	0	24
8.1 - 9.0	0	0	0	0	0	0	0	21	3	24	0	0	0	0	0	24
9.1 - 11.0	0	0	0	0	0	0	0	12	0	21	0	0	0	0	0	21
11.1 - 12.0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	3
12.1 - 15.0	0	0	0	0	0	0	0	0	9	18	0	0	0	0	0	18
15.1 - 20.0	0	0	0	0	0	0	0	0	6	21	0	0	0	0	0	21
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	2847	7467	51	2478	30	1047	318	87	14418	14418	0	0	0	0	0	14418
MEAN 1971	1.0	1.7	4.0	1.8	0.0	1.9	2.5	3.1	11.5	2.3	0	0	0	0	0	2.3
MEAN 1970	1.3	1.4	0.0	1.8	0.0	2.3	3.0	4.8	14.8	2.7	0	0	0	0	0	2.7
MEAN 1969	1.1	1.6	4.2	1.8	0.0	1.9	3.0	7.4	24.8	3.1	0	0	0	0	0	3.1

WHITE WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS

STATES	U. S. GRADES										SPECIAL GRADES				SUBCLASSES						
	NO. 1 HEAVY	NO. 2 HEAVY	NO. 3 HEAVY	NO. 3	NO. 4	NO. 5	SAMPLE		TOTAL	TOUGH		WEEV- ILY		GAR- LICKY		HARD WHITE		SOFT WHITE		WEST. CLUB WHITE	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	GRADE		NUMBER	NUMBER	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
CALIFORNIA	168	166	20	46	4	16	10	0	14	444	2	0	0	0	90	344	10	0			
IDAHO	524	818	26	322	8	210	146	40	24	2454	0	0	0	0	6	2402	36	10			
MICHIGAN	0	250	0	418	0	28	8	2	14	722	194	2	0	0	0	722	0	0			
NEW YORK	0	14	0	172	0	220	18	2	8	434	150	0	4	0	0	434	0	0			
OHIO	0	20	0	4	0	2	0	0	2	28	2	2	0	0	0	28	0	0			
OREGON	1744	1102	94	660	26	254	72	26	30	4654	0	0	0	0	34	3450	1126	44			
UTAH	570	1124	40	880	16	294	116	10	18	3068	32	0	0	0	68	3000	0	0			
WASHINGTON	1760	1420	48	694	18	358	300	128	68	5310	0	4	0	0	6	4194	982	128			
ALL STATES	4766	4914	228	3196	72	1382	670	208	178	17114	380	8	4	204	14574	2154	182				
% 1971 CROP YEAR	30.5	31.5	1.5	20.5	0.5	8.9	4.3	1.3	1.1	100.0	2.2	0.0	0.0	0.0	1.2	85.2	12.6	1.1			
% 1970 CROP YEAR	20.2	33.2	2.0	30.3	0.5	9.2	2.7	0.9	0.8	100.0	7.8	0.1	0.0	0.0	2.4	91.5	6.0	0.2			
% 1969 CROP YEAR	39.9	24.0	3.1	19.7	0.8	6.1	2.3	1.3	2.7	100.0	6.5	0.9	0.1	2.7	93.6	2.8	0.9				

WHITE WHEAT THE QUALITY OF THE 1971 CROP WAS OF HIGHER QUALITY WITH 62 PERCENT GRADING U. S. NO. 1 COMPARED TO 53 PERCENT OF THE 1970 CROP. TEST WEIGHT WAS UP, AND MOISTURE WAS LOWER.

WHITE WHEAT
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP AND 1970 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U. S. GRADE														SAMPLE GRADE		ALL GRADES	
	NO. 1 HEAVY		NO. 2 HEAVY		NO. 2 HEAVY		NO. 3 HEAVY		NO. 3		NO. 4		NO. 5					
	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO.	PCT.		
DOCKAGE																		
	HIGH	11.2	9.7	11.2	12.2	8.2	13.2	10.7	17.7	17.7	19.7	19.7				19.7		
	LOW	0.7	0.3	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7				0.3		
AVERAGE	1971	1798	1.1	156	1.7	2268	1.4	52	1.5	1004	1.6	518	1.6	154	1.9	9374	1.3	
	1970	1164	1.0	170	1.1	1954	1.5	42	1.9	600	1.8	214	2.1	62	2.0	6270	1.3	
	1969	2044	1.1	1822	1.4	1320	1.8	78	2.0	342	2.1	160	1.9	82	1.9	6224	1.5	
TEST WEIGHT *																		
HIGH	65.2	61.9	64.3	61.9	64.1	61.8	61.8	64.5	63.8	63.8	64.8	64.8				65.2		
	LOW	62.0	58.0	62.0	57.0	62.0	55.7	54.0	52.0	52.0	45.7	45.7				45.7		
	AVERAGE	1971	4766	62.8	4912	60.8	228	62.6	3196	59.3	72	62.6	1382	57.7	208	55.9	15612	60.6
MOISTURE	1970	2094	62.7	3430	60.8	212	62.6	3132	59.1	54	62.7	956	57.7	98	57.8	10336	60.3	
	1969	4242	63.2	2550	60.9	330	63.0	2094	59.3	86	63.1	648	58.1	142	58.2	10624	61.2	
HEAT DAMAGE																		
	HIGH	12.7	14.5	12.1	18.5	9.4	18.0	18.7	13.7	13.7	18.0	18.0				18.7		
	LOW	7.5	7.4	8.0	7.4	8.7	7.0	7.5	8.2	8.2	8.1	8.1				6.8		
AVERAGE	1971	802	9.1	1142	10.7	52	9.6	1172	12.1	10	9.0	568	12.1	38	11.0	5498	10.4	
	1970	582	9.4	616	11.5	22	9.7	1496	12.9	12	9.4	574	13.2	52	13.1	3528	12.1	
	1969	260	9.9	248	11.3	20	11.2	784	13.4	2	9.1	362	13.5	78	13.1	2102	12.7	
TOTAL DAMAGE																		
	HIGH	0.0	0.0	0.0	0.0	0.0	0.5	1.0	0.0	0.0	0.4	0.4				1.0		
	LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0		
AVERAGE	1971	1744	0.0	1102	0.0	94	0.0	656	0.0	26	0.0	258	0.0	26	0.0	4014	0.0	
	1970	536	0.0	712	0.0	46	0.0	400	0.0	14	0.0	142	0.0	28	0.0	1934	0.0	
	1969	390	0.0	264	0.0	20	0.0	112	0.0	8	0.0	34	0.0	4	0.0	852	0.0	
FOREIGN MATERIAL																		
	HIGH	2.0	2.0	3.0	4.0	5.0	7.0	10.0	15.0	15.0	78.0	78.0				78.0		
	LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0		
AVERAGE	1971	1996	0.1	1550	0.2	110	0.2	1136	0.5	30	0.4	776	1.2	174	8.9	6330	1.1	
	1970	880	0.2	1244	0.3	114	1.0	1496	1.3	28	1.1	620	2.5	78	7.9	4672	1.5	
	1969	1316	0.4	794	0.4	130	1.4	914	1.8	34	2.2	430	3.6	114	12.0	4166	3.5	
SHRUNKEN & BROKEN																		
	HIGH	0.5	0.5	1.0	1.0	2.0	2.0	3.0	5.0	5.0	12.0	12.0				12.0		
	LOW	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1				0.0		
AVERAGE	1971	3056	0.2	2758	0.2	194	0.7	1634	0.4	58	1.2	862	0.6	178	1.3	9432	0.4	
	1970	974	0.2	1742	0.2	118	0.5	1176	0.3	38	1.4	422	0.7	54	2.4	4716	0.4	
	1969	1960	0.2	964	0.2	244	0.6	658	0.4	62	1.3	214	0.7	42	3.3	4266	0.4	
TOTAL DEFECTS																		
	HIGH	3.0	3.0	5.0	5.0	7.2	7.6	8.4	6.0	6.0	20.0	20.0				20.0		
	LOW	0.1	0.0	0.1	0.1	0.3	0.2	0.2	0.2	0.3	0.1	0.1				0.0		
AVERAGE	1971	4596	1.0	4466	1.4	208	1.6	2584	1.8	68	1.1	1132	1.8	206	1.4	14050	1.4	
	1970	1856	1.2	3072	1.3	186	2.1	2044	1.8	46	1.9	606	2.1	60	3.3	8112	1.5	
	1969	4146	1.0	2330	1.4	316	1.6	1340	2.1	82	1.5	304	2.4	40	2.7	8732	1.4	
CONTRASTING CLASSES																		
	HIGH	3.0	3.0	5.0	5.0	7.3	8.0	11.8	18.7	18.7	67.0	67.0				67.0		
	LOW	0.2	0.1	0.4	0.2	0.5	0.3	0.6	0.7	1.7	0.9	0.9				0.1		
AVERAGE	1971	3900	1.2	3212	1.7	196	2.5	1932	2.4	58	2.9	992	3.1	204	10.0	11244	2.2	
	1970	1522	1.4	2564	1.5	166	3.1	1620	2.4	42	3.8	504	3.3	58	7.8	6686	2.1	
	1969	3508	1.3	1568	1.8	308	2.8	886	2.8	78	3.4	252	3.9	80	11.6	6876	2.2	
OTHER CLASSES																		
	HIGH	1.0	1.0	2.0	2.0	3.0	3.0	10.0	6.0	6.0	3.8	3.8				10.0		
	LOW	0.3	0.1	0.5	0.2	1.7	0.4	0.5	0.7	0.7	0.6	0.6				0.1		
AVERAGE	1971	130	0.7	140	0.7	54	1.5	192	1.2	20	2.7	84	2.2	4	3.3	796	2.1	
	1970	66	0.7	88	0.6	42	1.7	118	1.2	18	2.3	50	2.1	8	3.1	486	2.1	
	1969	294	0.3	270	0.4	58	1.4	176	0.9	24	2.0	72	1.7	2	0.0	980	1.0	
TOTAL																		
	HIGH	0.0	3.0	1.8	4.5	9.0	8.0	1.0	1.3	1.3	3.6	3.6				9.0		
	LOW	0.0	0.7	1.8	0.5	9.0	0.7	1.0	1.0	1.3	0.8	0.8				0.5		
AVERAGE	1971	0	0.0	16	1.5	2	1.8	16	1.7	2	9.0	12	2.2	2	1.3	62	2.0	
	1970	0	0.0	4	0.6	0	0.0	22	1.7	0	0.0	30	1.6	4	3.0	76	1.8	
	1969	4	1.4	12	1.0	0	0.0	30	1.3	2	7.0	36	1.7	6	0.8	146	1.6	

* TEST WEIGHT IN POUNDS.

WHITE WHEAT TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	U. S. GRADE			NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 NUMBER	NO. 3 HEAVY					
65.0 - 68.0	6	0	0	0	0	0	0	0	0	0	6
62.0 - 64.9	4760	0	228	0	72	0	0	40	18	28	5146
60.0 - 61.9	0	4614	0	542	0	192	116	10	10	28	5502
59.0 - 59.9	0	202	0	1590	0	96	40	8	12	12	1948
58.0 - 58.9	0	96	0	990	0	78	36	4	16	16	1220
57.0 - 57.9	0	0	0	74	0	572	30	8	12	12	696
56.0 - 56.9	0	0	0	0	0	442	28	24	14	14	508
55.0 - 55.9	0	0	0	0	0	2	284	48	22	22	356
54.0 - 54.9	0	0	0	0	0	0	96	30	16	16	142
53.0 - 53.9	0	0	0	0	0	0	0	30	12	12	42
52.0 - 52.9	0	0	0	0	0	0	0	28	0	0	28
51.0 - 51.9	0	0	0	0	0	0	0	0	0	0	0
50.0 - 50.9	0	0	0	0	0	0	0	0	8	8	8
49.0 - 49.9	0	0	0	0	0	0	0	0	2	2	2
45.0 - 48.9	0	0	0	0	0	0	0	0	8	8	8
NO INFORMATION	0	2	0	0	0	0	0	0	0	0	1502
MEAN 1971	62.8	60.8	62.6	59.3	62.6	57.7	57.2	55.9	57.3	60.6	
MEAN 1970	62.7	60.8	62.6	59.1	62.7	57.7	59.1	57.8	57.2	60.3	
MEAN 1969	63.2	60.9	63.0	59.3	63.1	58.1	58.9	58.2	56.1	61.2	

PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

WHITE WHEAT MOISTURE

PERCENT	NO. 1 HEAVY NUMBER	U. S. GRADE			NO. 3 HEAVY NUMBER	NO. 4			NO. 5	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
		NO. 1 NUMBER	NO. 2 NUMBER	NO. 2 HEAVY NUMBER		NO. 3 NUMBER	NO. 4 NUMBER	NO. 4 NUMBER			
6.5 - 9.0	436	208	40	16	6	20	12	6	12	12	1736
9.1 - 10.0	300	288	148	28	4	66	14	0	12	12	1140
10.1 - 10.5	40	176	98	2	0	46	14	4	6	6	474
10.6 - 11.0	10	82	60	0	0	46	22	4	4	4	296
11.1 - 11.5	6	46	76	2	0	42	22	12	6	6	252
11.6 - 12.0	4	38	66	2	0	40	12	8	6	6	200
12.1 - 12.5	2	34	78	2	0	40	14	0	0	0	184
12.6 - 13.0	4	92	200	0	0	82	8	0	6	6	392
13.1 - 13.5	0	130	230	0	0	68	6	2	4	4	444
13.6 - 14.0	0	42	82	0	0	42	10	2	6	6	184
14.1 - 14.5	0	6	48	0	0	32	2	0	0	0	88
14.6 - 15.0	0	0	34	0	0	32	6	0	2	2	74
15.1 - 16.0	0	0	4	0	0	8	2	0	0	0	14
16.1 AND OVER	0	0	8	0	0	4	2	0	6	6	20
NO INFORMATION	3964	3772	2024	176	62	814	524	170	108	11616	
MEAN 1971	9.1	10.7	12.1	9.6	9.0	12.1	11.6	11.0	11.5	10.4	
MEAN 1970	9.4	11.5	12.9	9.7	9.4	13.2	12.5	13.1	13.2	12.1	
MEAN 1969	9.9	11.3	13.4	11.2	9.1	13.5	13.4	13.1	13.0	12.7	

WHITE WHEAT TOTAL DAMAGE
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	NO. 2 NUMBER	U. S. GRADE		NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
					NO. 2	NO. 2						
0.1 - 1.0	1600	986	82	560	20	226	68	22	22	22	22	3606
1.1 - 1.5	378	548	20	374	8	250	94	14	14	14	18	1704
1.6 - 2.0	12	10	0	76	0	114	10	2	2	2	4	228
2.1 - 2.5	6	6	4	46	0	64	44	2	2	2	4	176
2.6 - 3.0	0	0	2	18	0	8	8	0	0	0	0	36
3.1 - 3.5	0	0	2	20	0	30	24	4	4	4	0	80
3.6 - 4.0	0	0	0	6	0	4	4	4	4	4	0	18
4.1 - 4.5	0	0	0	16	0	24	26	6	6	6	0	72
4.6 - 5.0	0	0	0	0	0	10	2	0	0	0	0	12
5.1 - 6.0	0	0	0	0	0	20	12	0	0	0	0	34
6.1 - 7.0	0	0	0	0	0	10	26	0	0	0	0	36
7.1 - 8.0	0	0	0	0	0	16	14	2	2	2	0	32
8.1 - 10.0	0	0	0	0	0	0	42	2	2	2	2	46
10.1 - 12.5	0	0	0	0	0	0	62	2	2	2	0	64
12.6 - 15.0	0	0	0	0	0	0	0	62	62	62	0	62
15.1 - 25.0	0	0	0	0	0	0	0	52	52	52	0	52
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	58	58
NO INFORMATION	2770	3364	118	2060	42	606	234	34	34	34	56	10784
MEAN 1971	0.1	0.2	0.2	0.5	0.4	1.2	3.6	8.9	8.9	8.9	15.2	1.1
MEAN 1970	0.2	0.3	1.0	1.3	1.1	2.5	4.7	7.9	7.9	7.9	20.5	1.5
MEAN 1969	0.4	0.4	1.4	1.8	2.2	3.6	6.4	12.0	12.0	12.0	29.0	3.5

WHITE WHEAT FOREIGN MATERIAL
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
 ALL INSPECTIONS
 ALL STATES

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PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	NO. 2 NUMBER	U. S. GRADE		NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
					NO. 1	NO. 2						
0.0	244	88	4	26	0	12	8	0	0	0	0	382
0.1 - 0.5	2812	2670	48	1140	12	542	428	118	118	62	7832	7832
0.6 - 1.0	0	0	142	468	2	32	22	8	8	2	676	676
1.1 - 1.5	0	0	0	0	32	178	8	4	4	2	224	224
1.6 - 2.0	0	0	0	0	12	98	6	2	2	2	120	120
2.1 - 2.5	0	0	0	0	0	0	42	0	0	0	42	42
2.6 - 3.0	0	0	0	0	0	0	46	0	0	0	46	46
3.1 - 3.5	0	0	0	0	0	0	0	12	12	2	14	14
3.6 - 4.0	0	0	0	0	0	0	0	16	16	0	16	16
4.1 - 4.5	0	0	0	0	0	0	0	4	4	0	4	4
4.6 - 5.0	0	0	0	0	0	0	0	14	14	2	16	16
5.1 - 6.0	0	0	0	0	0	0	0	0	0	26	26	26
6.1 - 8.0	0	0	0	0	0	0	0	0	0	26	26	26
8.1 - 10.0	0	0	0	0	0	0	0	0	0	6	6	6
10.1 - 15.0	0	0	0	0	0	0	0	0	0	2	2	2
NO INFORMATION	1710	2156	34	1562	14	520	110	30	30	46	7682	7682
MEAN 1971	0.2	0.2	0.7	0.4	1.2	0.6	0.6	1.3	1.3	3.3	0.4	0.4
MEAN 1970	0.2	0.2	0.5	0.3	1.4	0.7	1.4	2.4	2.4	4.3	0.4	0.4
MEAN 1969	0.2	0.2	0.6	0.4	1.3	0.7	1.1	3.3	3.3	3.6	0.4	0.4

WHITE WHEAT SHRUNKEN AND BROKEN KERNELS
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	U. S. GRADE			NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
		NO. 1 NUMBER	NO. 2 NUMBER	NO. 2 HEAVY NUMBER						
0.0	0	2	0	0	0	0	0	0	0	2
0.1 - 1.0	2768	1368	642	80	44	408	308	120	76	5814
1.1 - 2.0	1620	2528	1088	76	16	406	214	56	42	6046
2.1 - 2.5	140	412	230	4	0	102	38	10	6	942
2.6 - 3.0	68	156	226	14	2	58	40	2	8	574
3.1 - 3.5	0	0	186	12	0	38	4	2	6	248
3.6 - 4.0	0	0	134	14	0	20	8	2	4	182
4.1 - 4.5	0	0	42	6	0	28	4	6	0	86
4.6 - 5.0	0	0	36	2	0	20	4	0	6	68
5.1 - 6.0	0	0	0	0	4	38	2	8	0	52
6.1 - 7.0	0	0	0	0	0	12	0	0	0	12
7.1 - 8.0	0	0	0	0	2	2	14	0	0	18
8.1 - 9.0	0	0	0	0	0	0	2	0	0	2
9.1 - 11.0	0	0	0	0	0	0	0	0	0	0
11.1 - 12.0	0	0	0	0	0	0	0	0	0	0
12.1 - 15.0	0	0	0	0	0	0	0	0	0	0
15.1 - 20.0	0	0	0	0	0	0	0	0	4	4
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	170	448	612	20	4	250	32	2	26	3064
MEAN 1971	1.0	1.4	1.8	1.6	1.5	1.8	1.5	1.4	1.9	1.4
MEAN 1970	1.2	1.3	1.8	2.1	1.9	2.1	2.1	3.3	2.4	1.5
MEAN 1969	1.0	1.4	2.1	1.6	1.5	2.4	2.8	2.7	1.7	1.4

WHITE WHEAT TOTAL DEFECTS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1971 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY			U. S. GRADE			NO. 3 HEAVY			NO. 4			NO. 5			SAMPLE GRADE			ALL GRADES		
	NUMBER	NO. 1	NUMBER	NO. 2 HEAVY	NUMBER	NO. 2	NUMBER	NO. 3	NUMBER	NO. 4	NUMBER	NO. 5	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.1 - 1.0	1920	474	14	178	178	178	178	56	26	26	26	0	0	0	0	2	2	2	2674	2674	2674
1.1 - 2.0	1664	1882	66	628	628	628	628	272	114	114	114	4	4	4	4	4	4	4	4644	4644	4644
2.1 - 2.5	188	576	34	362	362	362	362	126	66	66	66	6	6	6	6	6	6	6	1380	1380	1380
2.6 - 3.0	128	280	26	196	196	196	196	134	48	48	48	6	6	6	6	2	2	2	836	836	836
3.1 - 3.5	0	0	20	256	256	256	256	90	40	40	40	4	4	4	4	4	4	4	416	416	416
3.6 - 4.0	0	0	18	158	158	158	158	70	44	44	44	8	8	8	8	0	0	0	300	300	300
4.1 - 4.5	0	0	8	80	80	80	80	52	28	28	28	4	4	4	4	0	0	0	172	172	172
4.6 - 5.0	0	0	10	74	74	74	74	36	42	42	42	18	18	18	18	0	0	0	180	180	180
5.1 - 6.0	0	0	0	0	0	0	0	88	30	30	30	18	18	18	18	2	2	2	142	142	142
6.1 - 7.0	0	0	0	0	0	0	0	42	22	22	22	10	10	10	10	10	10	10	86	86	86
7.1 - 8.0	0	0	0	0	0	0	0	26	28	28	28	2	2	2	2	14	14	14	72	72	72
8.1 - 9.0	0	0	0	0	0	0	0	0	36	36	36	4	4	4	4	14	14	14	54	54	54
9.1 - 11.0	0	0	0	0	0	0	0	0	66	66	66	8	8	8	8	14	14	14	88	88	88
11.1 - 12.0	0	0	0	0	0	0	0	0	16	16	16	8	8	8	8	4	4	4	28	28	28
12.1 - 15.0	0	0	0	0	0	0	0	0	0	0	0	82	82	82	82	0	0	0	82	82	82
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0	0	22	22	22	22	34	34	34	56	56	56
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	20	20	20	20
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	14	14	14	14
NO INFORMATION	866	1702	32	1264	1264	1264	1264	390	64	64	64	4	4	4	4	34	34	34	5870	5870	5870
MEAN 1971	1.2	1.7	2.5	2.4	2.4	2.4	2.4	2.9	4.6	4.6	4.6	10.0	10.0	10.0	10.0	14.7	14.7	14.7	2.2	2.2	2.2
MEAN 1970	1.4	1.5	3.1	2.4	2.4	2.4	2.4	3.8	4.5	4.5	4.5	7.8	7.8	7.8	7.8	10.8	10.8	10.8	2.1	2.1	2.1
MEAN 1969	1.3	1.8	2.8	2.8	2.8	2.8	2.8	3.4	5.7	5.7	5.7	11.6	11.6	11.6	11.6	22.6	22.6	22.6	2.2	2.2	2.2

DRY EDIBLE BEAN INSPECTIONS: PERCENTAGE
DISTRIBUTION OF NUMBER OF INSPECTIONS BY GRADE
AND SELECT CLASSES, 9 WEEKS DURING AND FOLLOWING HARVEST 1969 - 1971 CROP

CLASS	HAND PICKED	U.S. EXTRA NO. 1	NO. 1	NO. 2	NO. 3	SUB STANDARD	SAMPLE GRADE
BLACKEYE							
1971 CROP YEAR			39	22	10	13	16
1970 CROP YEAR			38	29	14	10	9
1969 CROP YEAR			14	24	19	20	23
GREAT NORTHERN							
1971 CROP YEAR			97	2		1	
1970 CROP YEAR			91	9			
1969 CROP YEAR			98	2			
DARK & LIGHT RED KIDNEY	1						
1971 CROP YEAR			76	17	2	5	
1970 CROP YEAR			79	20			
1969 CROP YEAR			68	28	3	1	
BABY LIMA							
1971 CROP YEAR		8	59	16	13	4	
1970 CROP YEAR		12	78	5	3	2	
1969 CROP YEAR		12	58	12	6	12	
LARGE LIMA							
1971 CROP YEAR		5	68	21		6	
1970 CROP YEAR		17	73	9		1	
1969 CROP YEAR		3	73	15		9	
PEA BEANS							
1971 CROP YEAR*							
1970 CROP YEAR	3		97				
1969 CROP YEAR	1		99				
PINK BEANS							
1971 CROP YEAR			83	10	4	3	
1970 CROP YEAR			80	12	4	4	
1969 CROP YEAR	1		56	25	9	9	
SMALL RED							
1971 CROP YEAR			63	32	2	1	2
1970 CROP YEAR			65	23	7	5	
1969 CROP YEAR			79	15	3	3	
BLACK TURTLE							
1971 CROP YEAR			100				
1970 CROP YEAR			98	2			
1969 CROP YEAR			96	4			
PINTO							
1971 CROP YEAR	1		93	4	1	1	
1970 CROP YEAR			92	4	2	2	
1969 CROP YEAR		4	89	5		2	

* THE PEA BEANS WERE PRACTICALLY ALL MARKETING UNDER MICHIGAN GRADES SO NO DATA WAS GIVEN FOR THEM THIS YEAR.

DRY EDIBLE BEANS IN 1971 THE QUALITY OF BOTH BABY LIMAS AND LARGE LIMAS WAS DOWN, GREAT NORTHERNS SLIGHTLY BETTER AND OTHER CLASSES SHOWING VERY LITTLE CHANGE FROM 1970.

DRY EDIBLE PEA INSPECTIONS: PERCENTAGE
DISTRIBUTION OF NUMBER OF INSPECTIONS BY GRADE
AND CLASS, 9 WEEKS DURING AND FOLLOWING HARVEST

	1971 CROP*				YELLOW			SAMPLE GRADE
	GREEN		SAMPLE GRADE		NO. 1	NO. 2	NO. 3	
	NO. 1	NO. 2	NO. 3					
% OF 1971 CROP*	-	-	-	-	-	-	-	-
% OF 1970 CROP	7	18	24	51	10	23	19	48
% OF 1969 CROP	65	19	8	8	80	12	4	4
% OF 1968 CROP	32	25	21	22	36	23	20	21
% OF 1967 CROP	42	22	15	21	46	23	14	17
% OF 1966 CROP	45	24	17	14	55	23	10	12

* MOST INSPECTIONS WERE FOR THRESHER RUN. TO FEW FOR GRADE TO REPORT.